

Chapter 3 - Environmental Health

1 *Recommendation:* Develop/implement Contaminant Management Strategy focusing on pollution prevention (P2) and restoration of polluted areas

There are no particular federal regulatory or program requirements to develop prevention and restoration plans on this locally specific scale. However, federal support is available for applicants who may wish to develop such plans. Some of these programs are listed in the columns to the right.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.069	Conservation Reserve Program	individuals, Tribes, estates, trusts, business enterprises, other legal entities, States and local	USDA	Direct Payments for Specified Use	Food Security Act of 1985, Title XII, Public Law 99-198, as amended; Food, Agriculture, Conservation, and Trade Act of 1990, Public Law 101-624; Federal Agriculture Improvement and Reform Act of 1996, Public Law 104-127

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.419	Coastal Zone Management Administration Awards	Any coastal State, including the Great Lakes	NOAA	Formula Grant	CZM Act, Sec 306, 308, 309, PL 92-583; CZM Act Amendments, Sec 306, PL 94-370, PL96-464, PL98-620, PL 99-272, PL101-508; Appropriations for Fiscal Year 2001, PL106-553; Appropriations for Fiscal Year 2002, PL107-077

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.473	Coastal Services Center	Institutions of higher education, hospitals, nonprofits, commercial organizations, foreign governments, organizations under the jurisdiction of	NOAA	Project Grants	Coastal Services Center (CSC): 16 U.S.C. 1456C; 15 U.S.C. 1540; 33 U.S.C. 1442, 883a-d

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.424	Surveys, Studies, Demonstrations and Special Purpose_Section 1442 of the Safe Drinking Water Act	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Safe Drinking Water Act, Section 1442, as amended; Public Law 104-182

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.436	Surveys, Studies, Investigations, Demonstrations and Training Grants and Cooperative	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Clean Water Act, Section 104(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.454	Water Quality Management Planning	State Water Quality Management Agencies	US EPA	Formula Grants	Clean Water Act, Sections 205(j) and 604(b), as amended; PL 97-117; Water Quality Act of 1987; PL100-4

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.510	Surveys, Studies, Investigations and Special Purpose Grants within the Office of Research and Development	States, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local government departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.610	Surveys, Studies, Investigations and Special Purpose Grants within the Office of the Administrator	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203; NEPA, Sec 102(2)(F)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396: SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580: EO 13148; EO 13101: EO 12873

2 Recommendation: Implement Great Lake Binational Toxic Strategy

USEPA and Environment Canada (EC) are the arbitrators of this effort. The purpose of the GLBNTS is to set forth a collaborative process by which USEPA and EC, in consultation with other federal entities, Great Lakes states, the Province of Ontario, Tribes, and First Nations, will work with public and private partners. Implementation of obligations in this Strategy include those actions undertaken jointly by EC, USEPA and their partners, as well as those actions undertaken individually through each nation's domestic programs and processes. Some of the U.S. regulatory programs which address substances targeted in the GLBNTS, include the Comprehensive Environmental Response, Compensation and Liability Act, the Resource Conservation and Recovery Act, the Clean Water Act, the Clean Air Act, the Toxic Substances Control Act, the Federal Insecticide, Fungicide, and Rodenticide Act, and other regulatory programs.

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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.419	Coastal Zone Management Administration Awards	Any coastal State, including the Great Lakes	NOAA	Formula Grant	CZM Act, Sec 306, 308, 309, PL 92-583; CZM Act Amendments, Sec 306, PL 94-370, PL96-464, PL98-620, PL 99-272, PL101-508; Appropriations for Fiscal Year 2001, PL106-553; Appropriations for Fiscal Year 2002, PL107-077

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999

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11.459	Weather and Air Quality Research	Institutes of higher education, Universities, colleges, institutions, laboratories, State and local agencies and governments, individuals	NOAA	Project Grants	Federal Aviation Act, as amended, 49 U.S.C. 1463; Weather Service Organic Act; National Climate Program Act, as amended; CAA, 42 U.S.C. 7403

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.473	Coastal Services Center	Institutions of higher education, hospitals, nonprofits, commercial organizations, foreign governments, organizations under the jurisdiction of	NOAA	Project Grants	Coastal Services Center (CSC): 16 U.S.C. 1456C; 15 U.S.C. 1540; 33 U.S.C. 1442, 883a-d

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
12.110	Planning Assistance to States	States, tribes	USACE	Provision of Specialized Services	Planning Assistance to States (Section 22): Water Resources Development Act of 1974, Section 22, Public Law 93-251

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66.001	Air Pollution Control Program Support	Municipal, Inter-municipal, State, Tribes, Interstate or Intertribal agency	US EPA	Project Grants	Clean Air Act of 1990, Section 105, as amended; Public Law 101-549

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66.034	Surveys Studies, Investigations Demonstrations and Special Purpose Activities Relating to the	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions	US EPA	Project Grants	Clean Air Act of 1963, Section 103, as amended; Public Law 95-95

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66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.424	Surveys, Studies, Demonstrations and Special Purpose_Section 1442 of the Safe Drinking Water Act	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Safe Drinking Water Act, Section 1442, as amended; Public Law 104-182

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66.439	Targeted Watershed Initiative	State, local, public nonprofit organizations, tribes, interstate organizations, colleges and universities, individuals, private nonprofit institutions	US EPA	Project Grants	Targeted Watershed Initiative:Clean Water Act, Section 104(b)(3), as amended, Public Law 92-500, 33 U.S.C. 1254(b)(3)

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66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.510	Surveys, Studies, Investigations and Special Purpose Grants within the Office of Research and Development	States, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local government departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.610	Surveys, Studies, Investigations and Special Purpose Grants within the Office of the Administrator	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203; NEPA, Sec 102(2)(F)

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66.708	Pollution Prevention Grants Program	States, State Agencies, public universities, tribes	US EPA	Project Grants	Pollution Prevention Grants Program: Pollution Prevention Act of 1990, Section 6605, Public Law 101-508

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66.716	Surveys, Studies, Investigations, Training Demonstrations and Educational Outreach	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	FIFRA, Sec 20, Toxic Substances Control Act; Section 10

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66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396; SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580: EO 13148; EO 13101: EO 12873

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66.931	International Financial Assistance Projects Sponsored by the Office of International Affairs	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions	US EPA	Project Grants	CWA, Sec 104, PL 95-217; SWDA, Sec 8001; RCRA, PL94-580; CAA, Sec 103, PL 95-95; TSCA, Sec 10, PL94-469; FIFRA, Sec 20, PL92-516, 94-140, 95-396; SDWA, Sec 1442(b), PL 93-523; NEPA, Sec 102; MPRSA

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93.208	Great Lakes Human Health Effects Research	public health agencies, including State universities, State colleges, State research institutions, Tribes	ATSDR HSS	Project Grants	CERCLA, as amended; SARA, Sec 104 (i)(5)(A) and (15), PL99-499; Great Lakes Critical Programs Act of 1990, Sec 106, Subsection 118(e)

3 Recommendation: Prioritize contaminants of concern

There are no federal regulations or programs requiring contaminant priorities be established for watershed plans. Prioritization of major contaminants will most likely occur on a project or community need level, since contaminant prioritization is often driven by specific project interests or opportunities.

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11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
12.110	Planning Assistance to States	States, tribes	USACE	Provision of Specialized Services	Planning Assistance to States (Section 22): Water Resources Development Act of 1974, Section 22, Public Law 93-251

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15.805	Assistance to State Water Resources Research Institutes	State designated Water Research Institute University	USGS	Formula Grants; Project Grants	Water Resources Research Act of 1984, Section 104, PL 98-242 as amended

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66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

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66.436	Surveys, Studies, Investigations, Demonstrations and Training Grants and Cooperative	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Clean Water Act, Section 104(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.454	Water Quality Management Planning	State Water Quality Management Agencies	US EPA	Formula Grants	Clean Water Act, Sections 205(j) and 604(b), as amended; PL 97-117; Water Quality Act of 1987; PL100-4

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.511	Office of Research and Development Consolidated Research	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local governmental departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

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66.610	Surveys, Studies, Investigations and Special Purpose Grants within the Office of the Administrator	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203; NEPA, Sec 102(2)(F)

4 *Recommendation:* Identify all sources and quantify all loads of point source and nonpoint source contaminants

Information and funding to undertake this recommendation is available through MDEQ and USEPA. Engagement of MDEQ and USEPA on project development for this recommendation would most likely be initiated by interested parties.

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10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

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11.454	Unallied Management Projects	State and local governments, public universities and colleges, Tribes, private universities and colleges, private profit and organizations, individuals	NOAA	Project Grants	Fish and Wildlife Coordination Act of 1956; Magnuson Fishery Conservation and Management Act; National Fisheries Research and Development Program; Department of Commerce Appropriation Act of 1999

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11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999

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11.459	Weather and Air Quality Research	Institutes of higher education, Universities, colleges, institutions, laboratories, State and local agencies and governments, individuals	NOAA	Project Grants	Federal Aviation Act, as amended, 49 U.S.C. 1463; Weather Service Organic Act; National Climate Program Act, as amended; CAA, 42 U.S.C. 7403

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11.473	Coastal Services Center	Institutions of higher education, hospitals, nonprofits, commercial organizations, foreign governments, organizations under the jurisdiction of	NOAA	Project Grants	Coastal Services Center (CSC): 16 U.S.C. 1456C; 15 U.S.C. 1540; 33 U.S.C. 1442, 883a-d

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.805	Assistance to State Water Resources Research Institutes	State designated Water Research Institute University	USGS	Formula Grants; Project Grants	Water Resources Research Act of 1984, Section 104, PL 98-242 as amended

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.034	Surveys Studies, Investigations Demonstrations and Special Purpose Activities Relating to the	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions	US EPA	Project Grants	Clean Air Act of 1963, Section 103, as amended; Public Law 95-95

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.424	Surveys, Studies, Demonstrations and Special Purpose_Section 1442 of the Safe Drinking Water Act	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Safe Drinking Water Act, Section 1442, as amended; Public Law 104-182

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.436	Surveys, Studies, Investigations, Demonstrations and Training Grants and Cooperative	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Clean Water Act, Section 104(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.439	Targeted Watershed Initiative	State, local, public nonprofit organizations, tribes, interstate organizations, colleges and universities, individuals, private nonprofit institutions	US EPA	Project Grants	Targeted Watershed Initiative: Clean Water Act, Section 104(b)(3), as amended, Public Law 92-500, 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.454	Water Quality Management Planning	State Water Quality Management Agencies	US EPA	Formula Grants	Clean Water Act, Sections 205(j) and 604(b), as amended; PL 97-117; Water Quality Act of 1987; PL100-4

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.509	Science To Achieve Results (STAR) Program	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local government departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.511	Office of Research and Development Consolidated Research	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local governmental departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.610	Surveys, Studies, Investigations and Special Purpose Grants within the Office of the Administrator	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203; NEPA, Sec 102(2)(F)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.708	Pollution Prevention Grants Program	States, State Agencies, public universities, tribes	US EPA	Project Grants	Pollution Prevention Grants Program: Pollution Prevention Act of 1990, Section 6605, Public Law 101-508

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.716	Surveys, Studies, Investigations, Training Demonstrations and Educational Outreach	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	FIFRA, Sec 20, Toxic Substances Control Act; Section 10

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.931	International Financial Assistance Projects Sponsored by the Office of International Affairs	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions	US EPA	Project Grants	CWA, Sec 104, PL 95-217; SWDA, Sec 8001; RCRA, PL94-580; CAA, Sec 103, PL 95-95; TSCA, Sec 10, PL94-469; FIFRA, Sec 20, PL92-516, 94-140, 95-396; SDWA, Sec 1442(b), PL 93-523; NEPA, Sec 102; MPRSA

5 Recommendation: Investigate the extent of contaminated sediments, evaluate the degree of contamination and the risk it poses, and implement the best remedial option(s) to reduce the risk posed by the

USEPA, under the Great Lakes Legacy Act, has the authority to address this recommendation in areas of Lake St. Clair that fall within the boundaries of the Clinton River Area of Concern or the St. Clair River Area of Concern. Projects are considered through public solicitation for project by USEPA. A project partner and matching funds are required.

The U.S. Army Corps of Engineers (Corps) has a number of authorities for assisting States and local governments in the management of contaminated bottom sediments, authorized under the various Water Resources Development Acts (WRDA). These programs provide cost-shared support, not grants.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.463	Habitat Conservation	State and local governments, universities and colleges, Tribes, private universities and colleges, private profit and nonprofit research organizations, individuals	NOAA	Project Grants	Habitat Conservation: Fish and Wildlife Coordination Act of 1956, PL 100-220, Title II, Section 2204, 33 U.S.C. 1901 et. seq.; Department of Commerce Appropriation Act of 1999; and Coral Reef Conservation Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.473	Coastal Services Center	Institutions of higher education, hospitals, nonprofits, commercial organizations, foreign governments, organizations under the jurisdiction of	NOAA	Project Grants	Coastal Services Center (CSC): 16 U.S.C. 1456C; 15 U.S.C. 1540; 33 U.S.C. 1442, 883a-d

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.805	Assistance to State Water Resources Research Institutes	State designated Water Research Institute University	USGS	Formula Grants; Project Grants	Water Resources Research Act of 1984, Section 104, PL 98-242 as amended

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.424	Surveys, Studies, Demonstrations and Special Purpose_Section 1442 of the Safe Drinking Water Act	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Safe Drinking Water Act, Section 1442, as amended; Public Law 104-182

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.436	Surveys, Studies, Investigations, Demonstrations and Training Grants and Cooperative	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Clean Water Act, Section 104(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.439	Targeted Watershed Initiative	State, local, public nonprofit organizations, tribes, interstate organizations, colleges and universities, individuals, private nonprofit institutions	US EPA	Project Grants	Targeted Watershed Initiative: Clean Water Act, Section 104(b)(3), as amended, Public Law 92-500, 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.454	Water Quality Management Planning	State Water Quality Management Agencies	US EPA	Formula Grants	Clean Water Act, Sections 205(j) and 604(b), as amended; PL 97-117; Water Quality Act of 1987; PL100-4

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.509	Science To Achieve Results (STAR) Program	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local government departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.510	Surveys, Studies, Investigations and Special Purpose Grants within the Office of Research and Development	States, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local government departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.511	Office of Research and Development Consolidated Research	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local governmental departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.610	Surveys, Studies, Investigations and Special Purpose Grants within the Office of the Administrator	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203; NEPA, Sec 102(2)(F)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.716	Surveys, Studies, Investigations, Training Demonstrations and Educational Outreach	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	FIFRA, Sec 20, Toxic Substances Control Act; Section 10

6 *Recommendation:* Develop, fund and distribute practical and economically feasible pollution prevention programs for municipalities, industries, and other relevant parties

Financial assistance to parties interested in undertaking this recommendation is available through various grants from USEPA under the authority of the Pollution Prevention Act of 1990. USEPA sponsors three grant programs that specifically promote P2 activities:

-The Pollution Prevention Grant Program is announced each year in the Federal Register.

USEPA provides about \$5 million annually through P2 Grants to help develop and sustain state P2 program activities and pioneer new P2 approaches in the states.

-The Pollution Prevention Information Network (PPIN) competition to promote sharing P2 technical assistance information, references and training expertise among states. Each year USEPA provides about \$1 million to support ongoing work and development of new P2 technical assistance services or P2 information resources. The Regional centers receiving these grants now call themselves the Pollution Prevention Resource Exchange (P2Rx).

-The Source Reduction Grant Program competition to fund national and regional grants and cooperative agreements, based upon source reduction/pollution prevention principles.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.905	Plant Materials for Conservation	State and Federal agencies and conservation districts	NRCS USDA	Provision of Specialized Services	Soil Conservation and Domestic Allotment Act of 1936, as amended, Public Law 74-46

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.419	Coastal Zone Management Administration Awards	Any coastal State, including the Great Lakes	NOAA	Formula Grant	CZM Act, Sec 306, 308, 309, PL 92-583; CZM Act Amendments, Sec 306, PL 94-370, PL96-464, PL98-620, PL 99-272, PL101-508; Appropriations for Fiscal Year 2001, PL106-553; Appropriations for Fiscal Year 2002, PL107-077

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.454	Unallied Management Projects	State and local governments, public universities and colleges, Tribes, private universities and colleges, private profit and organizations, individuals	NOAA	Project Grants	Fish and Wildlife Coordination Act of 1956; Magnuson Fishery Conservation and Management Act; National Fisheries Research and Development Program; Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.305	Compliance Assistance_Support for Services to the Regulated Community and Other Assistance	nonprofit organizations, Colleges, universities, State, tribal and local governments	US EPA	Project Grants	CWA, Section 104, as amended; PL 92-500; Clean Air Act, Section 103, as amended; PL 91-604; SWDA, Section 8001, as amended; RCRA; PL 94-58

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.436	Surveys, Studies, Investigations, Demonstrations and Training Grants and Cooperative	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Clean Water Act, Section 104(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.439	Targeted Watershed Initiative	State, local, public nonprofit organizations, tribes, interstate organizations, colleges and universities, individuals, private nonprofit institutions	US EPA	Project Grants	Targeted Watershed Initiative: Clean Water Act, Section 104(b)(3), as amended, Public Law 92-500, 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.454	Water Quality Management Planning	State Water Quality Management Agencies	US EPA	Formula Grants	Clean Water Act, Sections 205(j) and 604(b), as amended; PL 97-117; Water Quality Act of 1987; PL100-4

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.510	Surveys, Studies, Investigations and Special Purpose Grants within the Office of Research and Development	States, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local government departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.610	Surveys, Studies, Investigations and Special Purpose Grants within the Office of the Administrator	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203; NEPA, Sec 102(2)(F)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.716	Surveys, Studies, Investigations, Training Demonstrations and Educational Outreach	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	FIFRA, Sec 20, Toxic Substances Control Act; Section 10

7 Recommendation: Continue and accelerate research and monitoring on the distribution, fate, and effects of mercury, PCBs and other contaminants

Recommendations for specific activities, such as this, are most commonly initiated through response to grant solicitations or through local collaboration with agencies, such as, MDEQ, USEPA, NOAA or USGS.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.454	Unallied Management Projects	State and local governments, public universities and colleges, Tribes, private universities and colleges, private profit and organizations, individuals	NOAA	Project Grants	Fish and Wildlife Coordination Act of 1956; Magnuson Fishery Conservation and Management Act; National Fisheries Research and Development Program; Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.459	Weather and Air Quality Research	Institutes of higher education, Universities, colleges, institutions, laboratories, State and local agencies and governments, individuals	NOAA	Project Grants	Federal Aviation Act, as amended, 49 U.S.C. 1463; Weather Service Organic Act; National Climate Program Act, as amended; CAA, 42 U.S.C. 7403

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.473	Coastal Services Center	Institutions of higher education, hospitals, nonprofits, commercial organizations, foreign governments, organizations under the jurisdiction of	NOAA	Project Grants	Coastal Services Center (CSC): 16 U.S.C. 1456C; 15 U.S.C. 1540; 33 U.S.C. 1442, 883a-d

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.808	U.S. Geological Survey_Research and Data Acquisition	Colleges, universities, profit-making and nonprofit organizations, and State and local governments	USGS	Project Grants	Organic Act of 1879

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.001	Air Pollution Control Program Support	Municipal, Inter-municipal, State, Tribes, Interstate or Intertribal agency	US EPA	Project Grants	Clean Air Act of 1990, Section 105, as amended; Public Law 101-549

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.034	Surveys Studies, Investigations Demonstrations and Special Purpose Activities Relating to the	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions	US EPA	Project Grants	Clean Air Act of 1963, Section 103, as amended; Public Law 95-95

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.424	Surveys, Studies, Demonstrations and Special Purpose_Section 1442 of the Safe Drinking Water Act	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Safe Drinking Water Act, Section 1442, as amended; Public Law 104-182

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.436	Surveys, Studies, Investigations, Demonstrations and Training Grants and Cooperative	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Clean Water Act, Section 104(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.454	Water Quality Management Planning	State Water Quality Management Agencies	US EPA	Formula Grants	Clean Water Act, Sections 205(j) and 604(b), as amended; PL 97-117; Water Quality Act of 1987; PL100-4

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.511	Office of Research and Development Consolidated Research	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local governmental departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.610	Surveys, Studies, Investigations and Special Purpose Grants within the Office of the Administrator	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203; NEPA, Sec 102(2)(F)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.716	Surveys, Studies, Investigations, Training Demonstrations and Educational Outreach	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	FIFRA, Sec 20, Toxic Substances Control Act; Section 10

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.931	International Financial Assistance Projects Sponsored by the Office of International Affairs	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions	US EPA	Project Grants	CWA, Sec 104, PL 95-217; SWDA, Sec 8001; RCRA, PL94-580; CAA, Sec 103, PL 95-95; TSCA, Sec 10, PL94-469; FIFRA, Sec 20, PL92-516, 94-140, 95-396; SDWA, Sec 1442(b), PL 93-523; NEPA, Sec 102; MPRSA

8 **Recommendation:** Define impacts of new generation pesticides, pharmaceuticals, endocrine disrupters, and other chemicals

Recommendations for specific activities, such as this, are most commonly initiated through response to grant solicitations or through direct collaboration with agencies, such as, MDEQ, USEPA, NOAA, USGS, or CDC.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.454	Unallied Management Projects	State and local governments, public universities and colleges, Tribes, private universities and colleges, private profit and organizations, individuals	NOAA	Project Grants	Fish and Wildlife Coordination Act of 1956; Magnuson Fishery Conservation and Management Act; National Fisheries Research and Development Program; Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.805	Assistance to State Water Resources Research Institutes	State designated Water Research Institute University	USGS	Formula Grants; Project Grants	Water Resources Research Act of 1984, Section 104, PL 98-242 as amended

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.424	Surveys, Studies, Demonstrations and Special Purpose_Section 1442 of the Safe Drinking Water Act	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Safe Drinking Water Act, Section 1442, as amended; Public Law 104-182

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.436	Surveys, Studies, Investigations, Demonstrations and Training Grants and Cooperative	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Clean Water Act, Section 104(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.509	Science To Achieve Results (STAR) Program	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local government departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.511	Office of Research and Development Consolidated Research	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local governmental departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.716	Surveys, Studies, Investigations, Training Demonstrations and Educational Outreach	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	FIFRA, Sec 20, Toxic Substances Control Act; Section 10

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
93.113	Biological Response to Environmental Health Hazards	university, college, hospital, State or local government, nonprofit research institution, for-profit organization	NIH HSS	Project Grant	Public Health Service Act, Section 301, PL 78-410, as amended; Small Business Research and Development Enhancement Act of 1992, PL 102-564

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
93.208	Great Lakes Human Health Effects Research	public health agencies, including State universities, State colleges, State research institutions, Tribes	ATSDR HSS	Project Grants	CERCLA, as amended; SARA, Sec 104 (i)(5)(A) and (15), PL99-499; Great Lakes Critical Programs Act of 1990, Sec 106, Subsection 118(e)

9 Recommendation: Identify, quantify and prioritize atmospheric sources of contaminants and implement regulatory programs and pollution prevent strategies to assure that the sources are

Recommendations for specific activities, such as this, are most commonly initiated through response to grant solicitations or through direct collaboration with agencies, such as, MDEQ, USEPA, NOAA, USGS.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.805	Assistance to State Water Resources Research Institutes	State designated Water Research Institute University	USGS	Formula Grants; Project Grants	Water Resources Research Act of 1984, Section 104, PL 98-242 as amended

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.001	Air Pollution Control Program Support	Municipal, Inter-municipal, State, Tribes, Interstate or Intertribal agency	US EPA	Project Grants	Clean Air Act of 1990, Section 105, as amended; Public Law 101-549

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.034	Surveys Studies, Investigations Demonstrations and Special Purpose Activities Relating to the	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions	US EPA	Project Grants	Clean Air Act of 1963, Section 103, as amended; Public Law 95-95

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.436	Surveys, Studies, Investigations, Demonstrations and Training Grants and Cooperative	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Clean Water Act, Section 104(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.509	Science To Achieve Results (STAR) Program	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local government departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.510	Surveys, Studies, Investigations and Special Purpose Grants within the Office of Research and Development	States, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local government departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.511	Office of Research and Development Consolidated Research	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local governmental departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.610	Surveys, Studies, Investigations and Special Purpose Grants within the Office of the Administrator	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203; NEPA, Sec 102(2)(F)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.708	Pollution Prevention Grants Program	States, State Agencies, public universities, tribes	US EPA	Project Grants	Pollution Prevention Grants Program: Pollution Prevention Act of 1990, Section 6605, Public Law 101-508

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396; SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580: EO 13148; EO 13101: EO 12873

10 Recommendation: Support the development and implementation of Total Maximum Daily Loads (TMDLs) throughout the watershed

Michigan DEQ is responsible for the development of TMDLs. MDEQ's schedule for the development of TMDLs for Lake St. Clair can be found in their Water Quality and Pollution Control in Michigan (2004 Sections 303(d) and 305(b)) Integrated Report.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.436	Surveys, Studies, Investigations, Demonstrations and Training Grants and Cooperative	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Clean Water Act, Section 104(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.439	Targeted Watershed Initiative	State, local, public nonprofit organizations, tribes, interstate organizations, colleges and universities, individuals, private nonprofit institutions	US EPA	Project Grants	Targeted Watershed Initiative: Clean Water Act, Section 104(b)(3), as amended, Public Law 92-500, 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.454	Water Quality Management Planning	State Water Quality Management Agencies	US EPA	Formula Grants	Clean Water Act, Sections 205(j) and 604(b), as amended; PL 97-117; Water Quality Act of 1987; PL100-4

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396: SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580: EO 13148; EO 13101: EO 12873

11 Recommendation: Encourage the use of agricultural Best Management Practices, as needed

Recommendations for specific activities, such as this, are most commonly initiated through direct collaboration with agencies, such as, MDEQ, MDNR, USEPA, NRCS, and State Agriculture Extension offices.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.902	Soil and Water Conservation	Land owners, community organizations, State and local governments	NRCS USDA	Advisory Services and Counseling	Soil and Water Conservation: Soil Conservation and Domestic Allotment Act of 1936, as amended, Public Law 74-46
<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.906	Watershed Surveys and Planning	local or State water resource agency, Federal agencies, soil and water conservation district, flood control district, Tribes, nonprofit organizations	NRCS USDA	Provision of Specialized Services; Advisory Services and	Watershed Protection and Flood Prevention Act, PL 83-566, as amended: PL84-1018; PL85-624; PL85-865; PL86-468; PL86-545; PL87-170; PL87-703; PL 89-337; PL90-361; PL97-98; PL99-662; PL101-624
<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130
<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.454	Water Quality Management Planning	State Water Quality Management Agencies	US EPA	Formula Grants	Clean Water Act, Sections 205(j) and 604(b), as amended; PL 97-117; Water Quality Act of 1987; PL100-4

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

12 Recommendation: Distribute to local government and other stakeholders information-education materials highlighting homeowner impacts on water quality and actions that can be taken to

There are numerous free, and readily available, publications regarding P2 and individual homeowner influence on surface waters. Implementation of this recommendation is primarily dependent on the interests of individual parties to initiate it.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.902	Soil and Water Conservation	Land owners, community organizations, State and local governments	NRCS USDA	Advisory Services and Counseling	Soil and Water Conservation: Soil Conservation and Domestic Allotment Act of 1936, as amended, Public Law 74-46

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.463	Habitat Conservation	State and local governments, universities and colleges, Tribes, private universities and colleges, private profit and nonprofit research organizations, individuals	NOAA	Project Grants	Habitat Conservation: Fish and Wildlife Coordination Act of 1956, PL 100-220, Title II, Section 2204, 33 U.S.C. 1901 et. seq.; Department of Commerce Appropriation Act of 1999; and Coral Reef Conservation Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.473	Coastal Services Center	Institutions of higher education, hospitals, nonprofits, commercial organizations, foreign governments, organizations under the jurisdiction of	NOAA	Project Grants	Coastal Services Center (CSC): 16 U.S.C. 1456C; 15 U.S.C. 1540; 33 U.S.C. 1442, 883a-d

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control, State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.436	Surveys, Studies, Investigations, Demonstrations and Training Grants and Cooperative	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Clean Water Act, Section 104(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.708	Pollution Prevention Grants Program	States, State Agencies, public universities, tribes	US EPA	Project Grants	Pollution Prevention Grants Program: Pollution Prevention Act of 1990, Section 6605, Public Law 101-508

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.716	Surveys, Studies, Investigations, Training Demonstrations and Educational Outreach	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	FIFRA, Sec 20, Toxic Substances Control Act; Section 10

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396: SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580; EO 13148; EO 13101: EO 12873

Chapter 4 - Habitat & Diversity

13 Recommendation: Develop a habitat strategy to protect, restore and maintain natural physical and biological diversity and identify priority habitat areas for restoration and conservation. The strategy

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.419	Coastal Zone Management Administration Awards	Any coastal State, including the Great Lakes	NOAA	Formula Grant	CZM Act, Sec 306, 308, 309, PL 92-583; CZM Act Amendments, Sec 306, PL 94-370, PL96-464, PL98-620, PL 99-272, PL101-508; Appropriations for Fiscal Year 2001, PL106-553; Appropriations for Fiscal Year 2002, PL107-077
<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.454	Unallied Management Projects	State and local governments, public universities and colleges, Tribes, private universities and colleges, private profit and organizations, individuals	NOAA	Project Grants	Fish and Wildlife Coordination Act of 1956; Magnuson Fishery Conservation and Management Act; National Fisheries Research and Development Program; Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.463	Habitat Conservation	State and local governments, universities and colleges, Tribes, private universities and colleges, private profit and nonprofit research organizations, individuals	NOAA	Project Grants	Habitat Conservation: Fish and Wildlife Coordination Act of 1956, PL 100-220, Title II, Section 2204, 33 U.S.C. 1901 et. seq.; Department of Commerce Appropriation Act of 1999; and Coral Reef Conservation Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.436	Surveys, Studies, Investigations, Demonstrations and Training Grants and Cooperative	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Clean Water Act, Section 104(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.461	Wetland Program Development Grants	State, tribal, or local government agencies; interstate/inter-tribal entities and associations; and not-for-profit organizations	US EPA	Project Grants	Clean Water Act, Section 104(b)(3), as amended; Public Law 92-500; 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

14 Recommendation: a. Provide a single coordinated inventory of wetlands and other habitats that identifies protected and managed habitats as well as rare and environmentally sensitive habits

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.419	Coastal Zone Management Administration Awards	Any coastal State, including the Great Lakes	NOAA	Formula Grant	CZM Act, Sec 306, 308, 309, PL 92-583; CZM Act Amendments, Sec 306, PL 94-370, PL96-464, PL98-620, PL 99-272, PL101-508; Appropriations for Fiscal Year 2001, PL106-553; Appropriations for Fiscal Year 2002, PL107-077

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.454	Unallied Management Projects	State and local governments, public universities and colleges, Tribes, private universities and colleges, private profit and organizations, individuals	NOAA	Project Grants	Fish and Wildlife Coordination Act of 1956; Magnuson Fishery Conservation and Management Act; National Fisheries Research and Development Program; Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.463	Habitat Conservation	State and local governments, universities and colleges, Tribes, private universities and colleges, private profit and nonprofit research organizations, individuals	NOAA	Project Grants	Habitat Conservation: Fish and Wildlife Coordination Act of 1956, PL 100-220, Title II, Section 2204, 33 U.S.C. 1901 et. seq.; Department of Commerce Appropriation Act of 1999; and Coral Reef Conservation Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.473	Coastal Services Center	Institutions of higher education, hospitals, nonprofits, commercial organizations, foreign governments, organizations under the jurisdiction of	NOAA	Project Grants	Coastal Services Center (CSC): 16 U.S.C. 1456C; 15 U.S.C. 1540; 33 U.S.C. 1442, 883a-d

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.436	Surveys, Studies, Investigations, Demonstrations and Training Grants and Cooperative	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Clean Water Act, Section 104(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.461	Wetland Program Development Grants	State, tribal, or local government agencies; interstate/inter-tribal entities and associations; and not-for-profit organizations	US EPA	Project Grants	Clean Water Act, Section 104(b)(3), as amended; Public Law 92-500; 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.608	State Information Grants	agencies of the state, Tribes, that administer programs and authorities delegated by the EPA	US EPA	Project Grants	CAA, Sec 103-104, as amended; PL101-549; SWDA, Section 8001; TSCA, Section 10, as amended; PL 94-469; CERCLA, Section 311, as amended; PL 95-510

15 Recommendation: b. Locate, inventory and map imperiled species

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.407	Interjurisdictional Fisheries Act of 1986	State agency authorized to regulate commercial fisheries	NOAA	Formula Grants	Interjurisdictional Fisheries Act of 1986, Public Law 99-659, Title III, 16 U.S.C. 4106

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.419	Coastal Zone Management Administration Awards	Any coastal State, including the Great Lakes	NOAA	Formula Grant	CZM Act, Sec 306, 308, 309, PL 92-583; CZM Act Amendments, Sec 306, PL 94-370, PL96-464, PL98-620, PL 99-272, PL101-508; Appropriations for Fiscal Year 2001, PL106-553; Appropriations for Fiscal Year 2002, PL107-077

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.454	Unallied Management Projects	State and local governments, public universities and colleges, Tribes, private universities and colleges, private profit and organizations, individuals	NOAA	Project Grants	Fish and Wildlife Coordination Act of 1956; Magnuson Fishery Conservation and Management Act; National Fisheries Research and Development Program; Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.463	Habitat Conservation	State and local governments, universities and colleges, Tribes, private universities and colleges, private profit and nonprofit research organizations, individuals	NOAA	Project Grants	Habitat Conservation: Fish and Wildlife Coordination Act of 1956, PL 100-220, Title II, Section 2204, 33 U.S.C. 1901 et. seq.; Department of Commerce Appropriation Act of 1999; and Coral Reef Conservation Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.473	Coastal Services Center	Institutions of higher education, hospitals, nonprofits, commercial organizations, foreign governments, organizations under the jurisdiction of	NOAA	Project Grants	Coastal Services Center (CSC): 16 U.S.C. 1456C; 15 U.S.C. 1540; 33 U.S.C. 1442, 883a-d

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
12.100	Aquatic Plant Control	States, State political subdivisions, State political entities	USACE	Provision of Specialized Services; Dissemination of	Aquatic Plant Control: River and Harbor Act of 1958, as amended, Section 104

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.436	Surveys, Studies, Investigations, Demonstrations and Training Grants and Cooperative	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Clean Water Act, Section 104(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

16 Recommendation: c. Restore degraded priority habitat areas by working with landowners and public land managers to promote beneficial land management practices and natural community

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.902	Soil and Water Conservation	Land owners, community organizations, State and local governments	NRCS USDA	Advisory Services and Counseling	Soil and Water Conservation: Soil Conservation and Domestic Allotment Act of 1936, as amended, Public Law 74-46

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.904	Watershed Protection and Flood Prevention	State agency, local governments, soil and water conservation district, flood control district, Tribe, nonprofit institutions	USDA	Project Grants; Advisory Services and Counseling	Watershed Protection and Flood Prevention Act, PL 83-566, as amended: PL84-1018; PL85-624; PL85-865; PL86-468; PL86-545; PL87-170; PL87-703; PL 89-337; PL90-361; PL97-98; PL99-662; PL101-624

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.905	Plant Materials for Conservation	State and Federal agencies and conservation districts	NRCS USDA	Provision of Specialized Services	Soil Conservation and Domestic Allotment Act of 1936, as amended, Public Law 74-46

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.914	Wildlife Habitat Incentive Program	owner, landlord, operator, tenant of eligible lands, limited resource producers, small scale producers, producers of minority groups, Tribes	NRCS USDA	Direct Payments for Specified Use	Wildlife Habitat Incentive Program: Federal Improvement and Reform Act of 1996, PL 104-127; 16 U.S.C. 3830 et. seq.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.419	Coastal Zone Management Administration Awards	Any coastal State, including the Great Lakes	NOAA	Formula Grant	CZM Act, Sec 306, 308, 309, PL 92-583; CZM Act Amendments, Sec 306, PL 94-370, PL96-464, PL98-620, PL 99-272, PL101-508; Appropriations for Fiscal Year 2001, PL106-553; Appropriations for Fiscal Year 2002, PL107-077

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.463	Habitat Conservation	State and local governments, universities and colleges, Tribes, private universities and colleges, private profit and nonprofit research organizations, individuals	NOAA	Project Grants	Habitat Conservation: Fish and Wildlife Coordination Act of 1956, PL 100-220, Title II, Section 2204, 33 U.S.C. 1901 et. seq.; Department of Commerce Appropriation Act of 1999; and Coral Reef Conservation Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.605	Sport Fish Restoration	State fish and wildlife agencies	USFWS	Formula Grants	Sport Fish Restoration: Federal Aid in Sport Fish Restoration Act of 1950, 64 Stat. 430, as amended

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.630	Coastal Program	Federal, State, interstate and intrastate agencies, tribes, sponsored organizations, public nonprofit organizations, private landowners	USFWS	Project Grants	Coastal Program: Fish and Wildlife Act of 1956, 16 U.S.C. 442 (a)-754, Fish and Wildlife Coordination Act of 1958

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.631	Partners for Fish and Wildlife	Private landowners, Tribes	USFWS	Direct Payments for Specified Use	Fish and Wildlife Act of 1956, as amended, 16 U.S.C. 742a-754; and Fish and Wildlife Coordination Act of 1958

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

17 Recommendation: d. Coordinate land acquisition programs with existing federal, state, provincial, and local habitat protection programs to maximize habitat protection efforts

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.069	Conservation Reserve Program	individuals, Tribes, estates, trusts, business enterprises, other legal entities, States and local	USDA	Direct Payments for Specified Use	Food Security Act of 1985, Title XII, Public Law 99-198, as amended; Food, Agriculture, Conservation, and Trade Act of 1990, Public Law 101-624; Federal Agriculture Improvement and Reform Act of 1996, Public Law 104-127

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.913	Farmland Protection Program	State agency, local governments, soil and water conservation district, Tribes	NRCS USDA	Direct Payments for Specified Use	Farmland Protection Program: Federal Agriculture Improvement and Reform Act of 1996, Section 388

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.419	Coastal Zone Management Administration Awards	Any coastal State, including the Great Lakes	NOAA	Formula Grant	CZM Act, Sec 306, 308, 309, PL 92-583; CZM Act Amendments, Sec 306, PL 94-370, PL96-464, PL98-620, PL 99-272, PL101-508; Appropriations for Fiscal Year 2001, PL106-553; Appropriations for Fiscal Year 2002, PL107-077

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.463	Habitat Conservation	State and local governments, universities and colleges, Tribes, private universities and colleges, private profit and nonprofit research organizations, individuals	NOAA	Project Grants	Habitat Conservation: Fish and Wildlife Coordination Act of 1956, PL 100-220, Title II, Section 2204, 33 U.S.C. 1901 et. seq.; Department of Commerce Appropriation Act of 1999; and Coral Reef Conservation Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.623	North American Wetlands Conservation Fund	private or public organizations, individuals who have developed partnerships to carry out wetlands conservation projects in the U.S., Canada,	USFWS	Project Grants	North American Wetlands Conservation Fund: North American Wetlands Conservation Act, PL 101-233, as amended

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.630	Coastal Program	Federal, State, interstate and intrastate agencies, tribes, sponsored organizations, public nonprofit organizations, private landowners	USFWS	Project Grants	Coastal Program: Fish and Wildlife Act of 1956, 16 U.S.C. 442 (a)-754, Fish and Wildlife Coordination Act of 1958

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.631	Partners for Fish and Wildlife	Private landowners, Tribes	USFWS	Direct Payments for Specified Use	Fish and Wildlife Act of 1956, as amended, 16 U.S.C. 742a-754; and Fish and Wildlife Coordination Act of 1958

18 Recommendation: e. Develop a public outreach program to increase interest and awareness of habitat restoration and conservation. Develop outreach tools that outline habitat conservation and

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.902	Soil and Water Conservation	Land owners, community organizations, State and local governments	NRCS USDA	Advisory Services and Counseling	Soil and Water Conservation: Soil Conservation and Domestic Allotment Act of 1936, as amended, Public Law 74-46

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.914	Wildlife Habitat Incentive Program	owner, landlord, operator, tenant of eligible lands, limited resource producers, small scale producers, producers of minority groups, Tribes	NRCS USDA	Direct Payments for Specified Use	Wildlife Habitat Incentive Program: Federal Improvement and Reform Act of 1996, PL 104-127; 16 U.S.C. 3830 et. seq.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.419	Coastal Zone Management Administration Awards	Any coastal State, including the Great Lakes	NOAA	Formula Grant	CZM Act, Sec 306, 308, 309, PL 92-583; CZM Act Amendments, Sec 306, PL 94-370, PL96-464, PL98-620, PL 99-272, PL101-508; Appropriations for Fiscal Year 2001, PL106-553; Appropriations for Fiscal Year 2002, PL107-077

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.463	Habitat Conservation	State and local governments, universities and colleges, Tribes, private universities and colleges, private profit and nonprofit research organizations, individuals	NOAA	Project Grants	Habitat Conservation: Fish and Wildlife Coordination Act of 1956, PL 100-220, Title II, Section 2204, 33 U.S.C. 1901 et. seq.; Department of Commerce Appropriation Act of 1999; and Coral Reef Conservation Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.614	Coastal Wetlands Planning, Protection and Restoration Act	States bordering on the Atlantic, Gulf, Pacific, Great Lakes coasts	USFWS	Project Grants	Coastal Wetlands Planning, Protection and Restoration Act, Section 305, Title III, PL 101-646

19 Recommendation: f. Develop a public education program that focuses on the unique habitat within the watershed and methods to protect it

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224
<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.902	Soil and Water Conservation	Land owners, community organizations, State and local governments	NRCS USDA	Advisory Services and Counseling	Soil and Water Conservation; Soil Conservation and Domestic Allotment Act of 1936, as amended, Public Law 74-46

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.419	Coastal Zone Management Administration Awards	Any coastal State, including the Great Lakes	NOAA	Formula Grant	CZM Act, Sec 306, 308, 309, PL 92-583; CZM Act Amendments, Sec 306, PL 94-370, PL96-464, PL98-620, PL 99-272, PL101-508; Appropriations for Fiscal Year 2001, PL106-553; Appropriations for Fiscal Year 2002, PL107-077

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999

20 Recommendation: g. Encourage local units of government to preserve and protect unique habitat areas and to restrict development in environmentally sensitive areas. Provide technical assistance

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.902	Soil and Water Conservation	Land owners, community organizations, State and local governments	NRCS USDA	Advisory Services and Counseling	Soil and Water Conservation: Soil Conservation and Domestic Allotment Act of 1936, as amended, Public Law 74-46

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.419	Coastal Zone Management Administration Awards	Any coastal State, including the Great Lakes	NOAA	Formula Grant	CZM Act, Sec 306, 308, 309, PL 92-583; CZM Act Amendments, Sec 306, PL 94-370, PL96-464, PL98-620, PL 99-272, PL101-508; Appropriations for Fiscal Year 2001, PL106-553; Appropriations for Fiscal Year 2002, PL107-077

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.463	Habitat Conservation	State and local governments, universities and colleges, Tribes, private universities and colleges, private profit and nonprofit research organizations, individuals	NOAA	Project Grants	Habitat Conservation: Fish and Wildlife Coordination Act of 1956, PL 100-220, Title II, Section 2204, 33 U.S.C. 1901 et. seq.; Department of Commerce Appropriation Act of 1999; and Coral Reef Conservation Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.605	Sport Fish Restoration	State fish and wildlife agencies	USFWS	Formula Grants	Sport Fish Restoration: Federal Aid in Sport Fish Restoration Act of 1950, 64 Stat. 430, as amended

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.614	Coastal Wetlands Planning, Protection and Restoration Act	States bordering on the Atlantic, Gulf, Pacific, Great Lakes coasts	USFWS	Project Grants	Coastal Wetlands Planning, Protection and Restoration Act, Section 305, Title III, PL 101-646

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.630	Coastal Program	Federal, State, interstate and intrastate agencies, tribes, sponsored organizations, public nonprofit organizations, private landowners	USFWS	Project Grants	Coastal Program: Fish and Wildlife Act of 1956, 16 U.S.C. 442 (a)-754, Fish and Wildlife Coordination Act of 1958

21 Recommendation: Use the findings of the Lake St. Clair Coastal Habitat Restoration and Conservation Plan to contribute to a Lake St. Clair habitat strategy

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
00.000	N/A	N/A	N/A	N/A	N/A

22 Recommendation: Prevent and control the introduction of aquatic invasive species into the Great Lakes-St. Lawrence system

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.961	Scientific Cooperation and Research	U.S. institutions of higher learning, U.S. Federal or State agencies, public/private nonprofit organizations	USDA	Project Grants; Direct Payments for Specified Use	National Agricultural Research, Extension, and Teaching Policy Act of 1977, as amended; Food Security Act of 1985, PL 99-198, as amended

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.407	Interjurisdictional Fisheries Act of 1986	State agency authorized to regulate commercial fisheries	NOAA	Formula Grants	Interjurisdictional Fisheries Act of 1986, Public Law 99-659, Title III, 16 U.S.C. 4106

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.419	Coastal Zone Management Administration Awards	Any coastal State, including the Great Lakes	NOAA	Formula Grant	CZM Act, Sec 306, 308, 309, PL 92-583; CZM Act Amendments, Sec 306, PL 94-370, PL96-464, PL98-620, PL 99-272, PL101-508; Appropriations for Fiscal Year 2001, PL106-553; Appropriations for Fiscal Year 2002, PL107-077

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.463	Habitat Conservation	State and local governments, universities and colleges, Tribes, private universities and colleges, private profit and nonprofit research organizations, individuals	NOAA	Project Grants	Habitat Conservation: Fish and Wildlife Coordination Act of 1956, PL 100-220, Title II, Section 2204, 33 U.S.C. 1901 et. seq.; Department of Commerce Appropriation Act of 1999; and Coral Reef Conservation Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
12.100	Aquatic Plant Control	States, State political subdivisions, State political entities	USACE	Provision of Specialized Services; Dissemination of	Aquatic Plant Control: River and Harbor Act of 1958, as amended, Section 104

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.605	Sport Fish Restoration	State fish and wildlife agencies	USFWS	Formula Grants	Sport Fish Restoration: Federal Aid in Sport Fish Restoration Act of 1950, 64 Stat. 430, as amended

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.305	Compliance Assistance_Support for Services to the Regulated Community and Other Assistance	nonprofit organizations, Colleges, universities, State, tribal and local governments	US EPA	Project Grants	CWA, Section 104, as amended; PL 92-500; Clean Air Act, Section 103, as amended; PL 91-604; SWDA, Section 8001, as amended; RCRA; PL 94-58

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

23 Recommendation: Support and distribute educational information regarding identification and control of invasive species

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.407	Interjurisdictional Fisheries Act of 1986	State agency authorized to regulate commercial fisheries	NOAA	Formula Grants	Interjurisdictional Fisheries Act of 1986, Public Law 99-659, Title III, 16 U.S.C. 4106

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.419	Coastal Zone Management Administration Awards	Any coastal State, including the Great Lakes	NOAA	Formula Grant	CZM Act, Sec 306, 308, 309, PL 92-583; CZM Act Amendments, Sec 306, PL 94-370, PL96-464, PL98-620, PL 99-272, PL101-508; Appropriations for Fiscal Year 2001, PL106-553; Appropriations for Fiscal Year 2002, PL107-077

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.605	Sport Fish Restoration	State fish and wildlife agencies	USFWS	Formula Grants	Sport Fish Restoration: Federal Aid in Sport Fish Restoration Act of 1950, 64 Stat. 430, as amended

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

24 Recommendation: Develop and distribute educational information regarding identification and control of invasive species

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.407	Interjurisdictional Fisheries Act of 1986	State agency authorized to regulate commercial fisheries	NOAA	Formula Grants	Interjurisdictional Fisheries Act of 1986, Public Law 99-659, Title III, 16 U.S.C. 4106

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.419	Coastal Zone Management Administration Awards	Any coastal State, including the Great Lakes	NOAA	Formula Grant	CZM Act, Sec 306, 308, 309, PL 92-583; CZM Act Amendments, Sec 306, PL 94-370, PL96-464, PL98-620, PL 99-272, PL101-508; Appropriations for Fiscal Year 2001, PL106-553; Appropriations for Fiscal Year 2002, PL107-077

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.463	Habitat Conservation	State and local governments, universities and colleges, Tribes, private universities and colleges, private profit and nonprofit research organizations, individuals	NOAA	Project Grants	Habitat Conservation: Fish and Wildlife Coordination Act of 1956, PL 100-220, Title II, Section 2204, 33 U.S.C. 1901 et. seq.; Department of Commerce Appropriation Act of 1999; and Coral Reef Conservation Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
12.100	Aquatic Plant Control	States, State political subdivisions, State political entities	USACE	Provision of Specialized Services; Dissemination of	Aquatic Plant Control: River and Harbor Act of 1958, as amended, Section 104

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.305	Compliance Assistance_Support for Services to the Regulated Community and Other Assistance	nonprofit organizations, Colleges, universities, State, tribal and local governments	US EPA	Project Grants	CWA, Section 104, as amended; PL 92-500; Clean Air Act, Section 103, as amended; PL 91-604; SWDA, Section 8001, as amended; RCRA; PL 94-58

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

25 Recommendation: Limit watercraft access to environmentally sensitive areas during certain seasons of the year to protect waterfowl nesting and fish spawning

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.605	Sport Fish Restoration	State fish and wildlife agencies	USFWS	Formula Grants	Sport Fish Restoration: Federal Aid in Sport Fish Restoration Act of 1950, 64 Stat. 430, as amended

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.461	Wetland Program Development Grants	State, tribal, or local government agencies; interstate/inter-tribal entities and associations; and not-for-profit organizations	US EPA	Project Grants	Clean Water Act, Section 104(b)(3), as amended; Public Law 92-500; 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.463	Water Quality Cooperative Agreements	State water pollution control agencies, interstate agencies, Tribes, colleges and universities, individuals, and other public or nonprofit organizations	US EPA	Project Grants	Water Quality Cooperative Agreements; Clean Water Act, Section 104(b)(3), Public Law 92-500, as amended, 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.709	Capacity Building Grants and Cooperative Agreements for States and Tribes	State agencies, tribes with enforcement and compliance assurance responsibilities or responsibilities that support enforcement and compliance assurance including	US EPA	Project Grants	CWA, Sec 104; FIFRA, Sec 20; CAA, Sec 103; SWDA, Sec 8001; SDWA, Sec 1442; TSCA, Sec 10; MPRSA, Sec 203; CERCLA, Sec 311; NEPA, Sec 102(2)(F); Indian Environmental General Assistance Program Act

26 Recommendation: Develop a focused public education program to promote understanding and protection of the lake by watercraft users

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.463	Habitat Conservation	State and local governments, universities and colleges, Tribes, private universities and colleges, private profit and nonprofit research organizations, individuals	NOAA	Project Grants	Habitat Conservation: Fish and Wildlife Coordination Act of 1956, PL 100-220, Title II, Section 2204, 33 U.S.C. 1901 et. seq.; Department of Commerce Appropriation Act of 1999; and Coral Reef Conservation Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.708	Pollution Prevention Grants Program	States, State Agencies, public universities, tribes	US EPA	Project Grants	Pollution Prevention Grants Program: Pollution Prevention Act of 1990, Section 6605, Public Law 101-508

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.709	Capacity Building Grants and Cooperative Agreements for States and Tribes	State agencies, tribes with enforcement and compliance assurance responsibilities or responsibilities that support enforcement and compliance assurance including	US EPA	Project Grants	CWA, Sec 104; FIFRA, Sec 20; CAA, Sec 103; SWDA, Sec 8001; SDWA, Sec 1442; TSCA, Sec 10; MPRSA, Sec 203; CERCLA, Sec 311; NEPA, Sec 102(2)(F); Indian Environmental General Assistance Program Act

27 Recommendation: a. Disseminate public information materials to registered watercraft owners in the region

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.463	Water Quality Cooperative Agreements	State water pollution control agencies, interstate agencies, Tribes, colleges and universities, individuals, and other public or nonprofit organizations	US EPA	Project Grants	Water Quality Cooperative Agreements: Clean Water Act, Section 104(b)(3), Public Law 92-500, as amended, 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.708	Pollution Prevention Grants Program	States, State Agencies, public universities, tribes	US EPA	Project Grants	Pollution Prevention Grants Program: Pollution Prevention Act of 1990, Section 6605, Public Law 101-508

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.709	Capacity Building Grants and Cooperative Agreements for States and Tribes	State agencies, tribes with enforcement and compliance assurance responsibilities or responsibilities that support enforcement and compliance assurance including	US EPA	Project Grants	CWA, Sec 104; FIFRA, Sec 20; CAA, Sec 103; SWDA, Sec 8001; SDWA, Sec 1442; TSCA, Sec 10; MPRSA, Sec 203; CERCLA, Sec 311; NEPA, Sec 102(2)(F); Indian Environmental General Assistance Program Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396; SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580: EO 13148; EO 13101: EO 12873

28 Recommendation: b. Post signage at boat launches and piers on the importance of protecting Lake St.Clair resources

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.463	Habitat Conservation	State and local governments, universities and colleges, Tribes, private universities and colleges, private profit and nonprofit research organizations, individuals	NOAA	Project Grants	Habitat Conservation: Fish and Wildlife Coordination Act of 1956, PL 100-220, Title II, Section 2204, 33 U.S.C. 1901 et. seq.; Department of Commerce Appropriation Act of 1999; and Coral Reef Conservation Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.463	Water Quality Cooperative Agreements	State water pollution control agencies, interstate agencies, Tribes, colleges and universities, individuals, and other public or nonprofit organizations	US EPA	Project Grants	Water Quality Cooperative Agreements: Clean Water Act, Section 104(b)(3), Public Law 92-500, as amended, 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.708	Pollution Prevention Grants Program	States, State Agencies, public universities, tribes	US EPA	Project Grants	Pollution Prevention Grants Program: Pollution Prevention Act of 1990, Section 6605, Public Law 101-508

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396: SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580: EO 13148; EO 13101: EO 12873

29 Recommendation: c. Educate boaters about aquatic vegetation and its important ecological role in the lake, and the need to avoid damage to it by boating and related activities

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.463	Habitat Conservation	State and local governments, universities and colleges, Tribes, private universities and colleges, private profit and nonprofit research organizations, individuals	NOAA	Project Grants	Habitat Conservation: Fish and Wildlife Coordination Act of 1956, PL 100-220, Title II, Section 2204, 33 U.S.C. 1901 et. seq.; Department of Commerce Appropriation Act of 1999; and Coral Reef Conservation Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.461	Wetland Program Development Grants	State, tribal, or local government agencies; interstate/inter-tribal entities and associations; and not-for-profit organizations	US EPA	Project Grants	Clean Water Act, Section 104(b)(3), as amended; Public Law 92-500; 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.463	Water Quality Cooperative Agreements	State water pollution control agencies, interstate agencies, Tribes, colleges and universities, individuals, and other public or nonprofit organizations	US EPA	Project Grants	Water Quality Cooperative Agreements: Clean Water Act, Section 104(b)(3), Public Law 92-500, as amended, 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C. 1254

Chapter 5 - Human Health

30 Recommendation: Complete and implement Source Water Assessments to ensure effective protection of raw drinking water supply sources

MDEQ has responsibility for Source Water Assessments, which they are currently in the process of completing. The Source Water Assessments include delineation of source water areas, inventory of potential contaminants, and susceptibility analyses. Implementation measures are not included in the current assessments.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
12.110	Planning Assistance to States	States, tribes	USACE	Provision of Specialized Services	Planning Assistance to States (Section 22): Water Resources Development Act of 1974, Section 22, Public Law 93-251

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.432	State Public Water System Supervision	State agencies designated by the Governor	US EPA	Formula Grants	Public Health Service Act, as amended; SDWA of 1974, PL 93-523, as amended; PL 95-190; PL 96-16; PL 96-502; SDWA amendments of 1986; SDWA amendments of 1996, PL 104-182

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.468	Capitalization Grants for Drinking Water State Revolving Funds	States and Indian tribes	US EPA	Formula Grants	Safe Drinking Water Act (SDWA) Amendments of 1996, Section 130; Public Law 104-182

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.610	Surveys, Studies, Investigations and Special Purpose Grants within the Office of the Administrator	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203; NEPA, Sec 102(2)(F)

31 Recommendation: Require monitoring programs for public water supplies to assure rapid detection of variations in water quality due to spills, contamination, and other factors

Public water supplies are regulated by USEPA with delegated responsibility to MDEQ. Through the Public Water System Supervision (PWSS) program, EPA implements and enforces drinking water standards.

Grants are available to improve the security of the water supply in large public water systems. In 2002, Congress passed the Public Health Security and Bioterrorism Preparedness and Response Act, which amends the Safe Drinking Water Act and specifies actions community water systems and the USEPA must take to improve the security of the nation's drinking water infrastructure. The Bioterrorism Preparedness and Response Act requires all community water systems to conduct a vulnerability analysis of their systems and develop emergency response plans that incorporate the vulnerability analysis. Each community must certify to USEPA that the emergency response plans are in place. USEPA is required, but the Act, to conduct studies in the areas of: prevention, detection, and response to the intentional introduction of contaminants into community water systems and source water for those systems.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130
66.424	Surveys, Studies, Demonstrations and Special Purpose_Section 1442 of the Safe Drinking Water Act	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Safe Drinking Water Act, Section 1442, as amended; Public Law 104-182

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.468	Capitalization Grants for Drinking Water State Revolving Funds	States and Indian tribes	US EPA	Formula Grants	Safe Drinking Water Act (SDWA) Amendments of 1996, Section 130; Public Law 104-182

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.472	Beach Monitoring and Notification Program Implementation Grants	Coastal and Great Lakes states, Tribes, in some cases local government	US EPA	Project Grants	Beach Monitoring and Notification Program Implementation Grants: CWA, Section 406, as amended; Beaches Environmental Assessment and Coastal Health Act of 2000; PL 106- 284

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.474	Water Protection Grants to the States	States, Tribes	US EPA	Formula Grants	Department of Defense and Emergency Supplemental Appropriations for Recovery from and Response to Terrorist Attacks Act, 2002; PL107-117

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.478	Water Security Training and Technical Assistance Grant Program	public and private nonprofit organizations	US EPA	Project Grants	SDWA, Sec 1433, as amended; Public Health Security and Bioterrorism Preparedness and Response Act of 2002, PL 107-188; DoD Emergency Supplemental Appropriations for Recovery from and Response to Terrorist Attacks Act of 2002, PL107-117

32 Recommendation: Evaluate existing spill notification and response plans to assure that existing notification procedures are adequate, comprehensive and realistic

USEPA and USCG are responsible for the Great Lakes Annex to the Canada-United States Joint Marine Pollution Contingency Plan, which is the current spill notification and response plan for the Great Lakes. Interested parties who have concern or comments on the adequacy of the Joint Inland Marine Contingency Plan may address this recommendation through active engagement of USEPA and USCG.

A project for external evaluation of the adequacy of the spill plan and notification system would most likely be initiated through individual efforts or through grant solicitation.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130
66.424	Surveys, Studies, Demonstrations and Special Purpose_Section 1442 of the Safe Drinking Water Act	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Safe Drinking Water Act, Section 1442, as amended; Public Law 104-182

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.472	Beach Monitoring and Notification Program Implementation Grants	Coastal and Great Lakes states, Tribes, in some cases local government	US EPA	Project Grants	Beach Monitoring and Notification Program Implementation Grants: CWA, Section 406, as amended; Beaches Environmental Assessment and Coastal Health Act of 2000; PL 106- 284

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.474	Water Protection Grants to the States	States, Tribes	US EPA	Formula Grants	Department of Defense and Emergency Supplemental Appropriations for Recovery from and Response to Terrorist Attacks Act, 2002; PL107-117

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.478	Water Security Training and Technical Assistance Grant Program	public and private nonprofit organizations	US EPA	Project Grants	SDWA, Sec 1433, as amended; Public Health Security and Bioterrorism Preparedness and Response Act of 2002, PL 107-188: DoD Emergency Supplemental Appropriations for Recovery from and Response to Terrorist Attacks Act of 2002, PL107-117

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.610	Surveys, Studies, Investigations and Special Purpose Grants within the Office of the Administrator	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203; NEPA, Sec 102(2)(F)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.810	Chemical Emergency Preparedness and Prevention (CEPP) Technical Assistance Grants	States, Local agencies, Tribes	US EPA	Project Grants	CAA, Sec 103 (b)(3), Sec 112 (l)(4); TSCA, Sections 10(a), and 28(a), PL 94-469

33 Recommendation: Support long-term funding for existing Lake St. Clair weather buoy

MDEQ Source Water Protection program initially coordinated the establishment of the Lake St. Clair weather buoy, in part, to provide continual weather information as an input to assessing threats to drinking water and beach conditions. No existing programs require the establishment of the weather buoy. Support for long-term funding will most likely come through continued coordination by interested parties with MDEQ, response to grant solicitations, or legislative mandate.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.459	Weather and Air Quality Research	Institutes of higher education, Universities, colleges, institutions, laboratories, State and local agencies and governments, individuals	NOAA	Project Grants	Federal Aviation Act, as amended, 49 U.S.C. 1463; Weather Service Organic Act; National Climate Program Act, as amended; CAA, 42 U.S.C. 7403
<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.478	Center for Sponcered Coastal Ocean Research Coastal Ocean Program	Institutions of higher education, not-for- profit institutions, State, tribes, local governments, Federal agencies	NOAA	Project Grants	Center for Sponsored Coastal Ocean Research_Coastal Ocean Program, Public Law 105-383
<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.424	Surveys, Studies, Demonstrations and Special Purpose_Section 1442 of the Safe Drinking Water Act	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Safe Drinking Water Act, Section 1442, as amended; Public Law 104-182
<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.439	Targeted Watershed Initiative	State, local, public nonprofit organizations, tribes, interstate organizations, colleges and universities, individuals, private nonprofit institutions	US EPA	Project Grants	Targeted Watershed Initiative:Clean Water Act, Section 104(b)(3), as amended, Public Law 92-500, 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.468	Capitalization Grants for Drinking Water State Revolving Funds	States and Indian tribes	US EPA	Formula Grants	Safe Drinking Water Act (SDWA) Amendments of 1996, Section 130; Public Law 104-182

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.478	Water Security Training and Technical Assistance Grant Program	public and private nonprofit organizations	US EPA	Project Grants	SDWA, Sec 1433, as amended; Public Health Security and Bioterrorism Preparedness and Response Act of 2002, PL 107-188; DoD Emergency Supplemental Appropriations for Recovery from and Response to Terrorist Attacks Act of 2002, PL107-117

34 Recommendation: Formalize the current, informal reporting and notification process used by water treatment operators

This recommendation may be addressed through coordination of community water system operators through the development of the emergency response plans required by the Public Health Security and Bioterrorism Preparedness and Response Act of 2002, see comments under recommendation #31.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.424	Surveys, Studies, Demonstrations and Special Purpose, Section 1442 of the Safe Drinking Water Act	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Safe Drinking Water Act, Section 1442, as amended; Public Law 104-182

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.474	Water Protection Grants to the States	States, Tribes	US EPA	Formula Grants	Department of Defense and Emergency Supplemental Appropriations for Recovery from and Response to Terrorist Attacks Act, 2002; PL107-117

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.610	Surveys, Studies, Investigations and Special Purpose Grants within the Office of the Administrator	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203; NEPA, Sec 102(2)(F)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.709	Capacity Building Grants and Cooperative Agreements for States and Tribes	State agencies, tribes with enforcement and compliance assurance responsibilities or responsibilities that support enforcement and compliance assurance including	US EPA	Project Grants	CWA, Sec 104; FIFRA, Sec 20; CAA, Sec 103; SWDA, Sec 8001; SDWA, Sec 1442; TSCA, Sec 10; MPRSA, Sec 203; CERCLA, Sec 311; NEPA, Sec 102(2)(F); Indian Environmental General Assistance Program Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.810	Chemical Emergency Preparedness and Prevention (CEPP) Technical Assistance Grants	States, Local agencies, Tribes	US EPA	Project Grants	CAA, Sec 103 (b)(3), Sec 112 (l)(4); TSCA, Sections 10(a), and 28(a), PL 94-469

35 Recommendation: Continue to collect and evaluate fish contaminant monitoring data

MDEQ conducts the State's fish contaminant monitoring program and issues an annual fish contaminant report. Individual projects to conduct fish contaminant monitoring would likely be pursued through a grant.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224
11.407	Interjurisdictional Fisheries Act of 1986	State agency authorized to regulate commercial fisheries	NOAA	Formula Grants	Interjurisdictional Fisheries Act of 1986, Public Law 99-659, Title III, 16 U.S.C. 4106

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.454	Unallied Management Projects	State and local governments, public universities and colleges, Tribes, private universities and colleges, private profit and organizations, individuals	NOAA	Project Grants	Fish and Wildlife Coordination Act of 1956; Magnuson Fishery Conservation and Management Act; National Fisheries Research and Development Program; Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.463	Habitat Conservation	State and local governments, universities and colleges, Tribes, private universities and colleges, private profit and nonprofit research organizations, individuals	NOAA	Project Grants	Habitat Conservation: Fish and Wildlife Coordination Act of 1956, PL 100-220, Title II, Section 2204, 33 U.S.C. 1901 et. seq.; Department of Commerce Appropriation Act of 1999; and Coral Reef Conservation Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.473	Coastal Services Center	Institutions of higher education, hospitals, nonprofits, commercial organizations, foreign governments, organizations under the jurisdiction of	NOAA	Project Grants	Coastal Services Center (CSC): 16 U.S.C. 1456C; 15 U.S.C. 1540; 33 U.S.C. 1442, 883a-d

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.605	Sport Fish Restoration	State fish and wildlife agencies	USFWS	Formula Grants	Sport Fish Restoration: Federal Aid in Sport Fish Restoration Act of 1950, 64 Stat. 430, as amended

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.436	Surveys, Studies, Investigations, Demonstrations and Training Grants and Cooperative	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Clean Water Act, Section 104(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.511	Office of Research and Development Consolidated Research	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local governmental departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.716	Surveys, Studies, Investigations, Training Demonstrations and Educational Outreach	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	FIFRA, Sec 20, Toxic Substances Control Act; Section 10

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
93.208	Great Lakes Human Health Effects Research	public health agencies, including State universities, State colleges, State research institutions, Tribes	ATSDR HSS	Project Grants	CERCLA, as amended; SARA, Sec 104 (i)(5)(A) and (15), PL99-499; Great Lakes Critical Programs Act of 1990, Sec 106, Subsection 118(e)

36 Recommendation: Review sediment and water quality criteria, and sediment remediation/mitigation measures, to assure that the bioavailability of bioaccumulative chemicals of concern is

Assessment and modeling to target and establish reductions of in-basin sources of fish consumption advisories will be an effort with many partners. Portions of this recommendation could be addressed through existing USEPA and MDEQ programs, through grants, or, mostly likely, a combination of the two. Since this recommendation would include the entire watershed, USEPA or MDEQ are the most appropriate lead agencies.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.454	Unallied Management Projects	State and local governments, public universities and colleges, Tribes, private universities and colleges, private profit and organizations, individuals	NOAA	Project Grants	Fish and Wildlife Coordination Act of 1956; Magnuson Fishery Conservation and Management Act; National Fisheries Research and Development Program; Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.463	Habitat Conservation	State and local governments, universities and colleges, Tribes, private universities and colleges, private profit and nonprofit research organizations, individuals	NOAA	Project Grants	Habitat Conservation: Fish and Wildlife Coordination Act of 1956, PL 100-220, Title II, Section 2204, 33 U.S.C. 1901 et. seq.; Department of Commerce Appropriation Act of 1999; and Coral Reef Conservation Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.605	Sport Fish Restoration	State fish and wildlife agencies	USFWS	Formula Grants	Sport Fish Restoration: Federal Aid in Sport Fish Restoration Act of 1950, 64 Stat. 430, as amended

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.805	Assistance to State Water Resources Research Institutes	State designated Water Research Institute University	USGS	Formula Grants; Project Grants	Water Resources Research Act of 1984, Section 104, PL 98-242 as amended

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.509	Science To Achieve Results (STAR) Program	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local government departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.511	Office of Research and Development Consolidated Research	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local governmental departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.610	Surveys, Studies, Investigations and Special Purpose Grants within the Office of the Administrator	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203; NEPA, Sec 102(2)(F)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.716	Surveys, Studies, Investigations, Training Demonstrations and Educational Outreach	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	FIFRA, Sec 20, Toxic Substances Control Act; Section 10

37 Recommendation: Expand ongoing outreach efforts to adequately inform the public, especially at-risk populations, about fish consumption guidelines

Fish consumption guidelines are available free from MDCH and are readily available. Although designation of responsibility for this recommendation does not lend itself to a particular agency, any interested party could initiate it; local health departments or communities groups may be the most successful.

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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.609	Protection of Children and the Aging as a Fundamental Goal of Public Health and Environmental	community groups, public or private nonprofit institutions, Tribes, profit organizations, local governments	US EPA	Project Grants	CAA, Sec 103(b)(3); CWA, Sec 104(b)(3); SDWA, Sec 1442(b)(3); TSCA, Sec 10; SWDA, Sec 8001; FIFRA, Sec 20; CERCLA, Sec 311(b) and ©

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.716	Surveys, Studies, Investigations, Training Demonstrations and Educational Outreach	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	FIFRA, Sec 20, Toxic Substances Control Act; Section 10

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
93.208	Great Lakes Human Health Effects Research	public health agencies, including State universities, State colleges, State research institutions, Tribes	ATSDR HSS	Project Grants	CERCLA, as amended; SARA, Sec 104 (i)(5)(A) and (15), PL99-499; Great Lakes Critical Programs Act of 1990, Sec 106, Subsection 118(e)

38 Recommendation: Require the elimination of all sources of untreated human sewage entering the waterways through

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control, State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.708	Pollution Prevention Grants Program	States, State Agencies, public universities, tribes	US EPA	Project Grants	Pollution Prevention Grants Program: Pollution Prevention Act of 1990, Section 6605, Public Law 101-508

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.709	Capacity Building Grants and Cooperative Agreements for States and Tribes	State agencies, tribes with enforcement and compliance assurance responsibilities or responsibilities that support enforcement and compliance assurance including	US EPA	Project Grants	CWA, Sec 104; FIFRA, Sec 20; CAA, Sec 103; SWDA, Sec 8001; SDWA, Sec 1442; TSCA, Sec 10; MPRSA, Sec 203; CERCLA, Sec 311; NEPA, Sec 102(2)(F); Indian Environmental General Assistance Program Act

39 Recommendation: a. The development and implementation of illicit discharge elimination plans (IDEP)

IDEPs are required for individual municipalities that apply for a Michigan Storm Water Permit and are due at the time of permit application.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control, State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.708	Pollution Prevention Grants Program	States, State Agencies, public universities, tribes	US EPA	Project Grants	Pollution Prevention Grants Program: Pollution Prevention Act of 1990, Section 6605, Public Law 101-508

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.709	Capacity Building Grants and Cooperative Agreements for States and Tribes	State agencies, tribes with enforcement and compliance assurance responsibilities or responsibilities that support enforcement and compliance assurance including	US EPA	Project Grants	CWA, Sec 104; FIFRA, Sec 20; CAA, Sec 103; SWDA, Sec 8001; SDWA, Sec 1442; TSCA, Sec 10; MPRSA, Sec 203; CERCLA, Sec 311; NEPA, Sec 102(2)(F); Indian Environmental General Assistance Program Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396; SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580: EO 13148; EO 13101: EO 12873

40 Recommendation: b. Completion of combined sewer overflow (CSO) and sanitary sewer overflow (SSO) treatment and elimination programs

CSOs are addressed through Long Term Control Plans that each CSO community must submit and have accepted by MDEQ. SSOs are addressed individually through MDEQ corrective actions. Individual CSO/SSO communities are responsible for coordinating the financing needed for infrastructure improvements to address treatment and elimination. There are a number of fiscal programs available to assist communities in financing infrastructure improvements, principally US EPA's State Revolving Fund.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.708	Pollution Prevention Grants Program	States, State Agencies, public universities, tribes	US EPA	Project Grants	Pollution Prevention Grants Program: Pollution Prevention Act of 1990, Section 6605, Public Law 101-508

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.709	Capacity Building Grants and Cooperative Agreements for States and Tribes	State agencies, tribes with enforcement and compliance assurance responsibilities or responsibilities that support enforcement and compliance assurance including	US EPA	Project Grants	CWA, Sec 104; FIFRA, Sec 20; CAA, Sec 103; SWDA, Sec 8001; SDWA, Sec 1442; TSCA, Sec 10; MPRSA, Sec 203; CERCLA, Sec 311; NEPA, Sec 102(2)(F); Indian Environmental General Assistance Program Act

41 Recommendation: c. Detection and correction of failing on-site disposal systems (OSDSs)

State of Michigan regulations Part 31 of Act 451, delegates authority to local units for ultimate oversight and control of all sanitary sewage sources generated and disposed within the governing municipality.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control, State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.436	Surveys, Studies, Investigations, Demonstrations and Training Grants and Cooperative	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Clean Water Act, Section 104(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.439	Targeted Watershed Initiative	State, local, public nonprofit organizations, tribes, interstate organizations, colleges and universities, individuals, private nonprofit institutions	US EPA	Project Grants	Targeted Watershed Initiative: Clean Water Act, Section 104(b)(3), as amended, Public Law 92-500, 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.463	Water Quality Cooperative Agreements	State water pollution control agencies, interstate agencies, Tribes, colleges and universities, individuals, and other public or nonprofit organizations	US EPA	Project Grants	Water Quality Cooperative Agreements: Clean Water Act, Section 104(b)(3), Public Law 92-500, as amended, 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C. 1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.708	Pollution Prevention Grants Program	States, State Agencies, public universities, tribes	US EPA	Project Grants	Pollution Prevention Grants Program: Pollution Prevention Act of 1990, Section 6605, Public Law 101-508

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.709	Capacity Building Grants and Cooperative Agreements for States and Tribes	State agencies, tribes with enforcement and compliance assurance responsibilities or responsibilities that support enforcement and compliance assurance including	US EPA	Project Grants	CWA, Sec 104; FIFRA, Sec 20; CAA, Sec 103; SWDA, Sec 8001; SDWA, Sec 1442; TSCA, Sec 10; MPRSA, Sec 203; CERCLA, Sec 311; NEPA, Sec 102(2)(F); Indian Environmental General Assistance Program Act

42 Recommendation: d. Implement point-of-sale OSDS inspection programs to assure continued maintenance

Point-of-sale programs are one option for pollution prevention and control. There are no regulatory programs that dictate this option, however, individual communities may chose to pursue such programs in the IDEP for storm water permit.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.463	Water Quality Cooperative Agreements	State water pollution control agencies, interstate agencies, Tribes, colleges and universities, individuals, and other public or nonprofit organizations	US EPA	Project Grants	Water Quality Cooperative Agreements: Clean Water Act, Section 104(b)(3), Public Law 92-500, as amended, 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.708	Pollution Prevention Grants Program	States, State Agencies, public universities, tribes	US EPA	Project Grants	Pollution Prevention Grants Program: Pollution Prevention Act of 1990, Section 6605, Public Law 101-508

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396: SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580: EO 13148; EO 13101: EO 12873

43 Recommendation: Improve wastewater treatment planning/monitoring/permitting at the local level to assure that sewage is properly managed. Specifically, smaller

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
12.110	Planning Assistance to States	States, tribes	USACE	Provision of Specialized Services	Planning Assistance to States (Section 22): Water Resources Development Act of 1974, Section 22, Public Law 93-251

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.436	Surveys, Studies, Investigations, Demonstrations and Training Grants and Cooperative	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Clean Water Act, Section 104(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.454	Water Quality Management Planning	State Water Quality Management Agencies	US EPA	Formula Grants	Clean Water Act, Sections 205(j) and 604(b), as amended; PL 97-117; Water Quality Act of 1987; PL100-4

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.708	Pollution Prevention Grants Program	States, State Agencies, public universities, tribes	US EPA	Project Grants	Pollution Prevention Grants Program: Pollution Prevention Act of 1990, Section 6605, Public Law 101-508

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396: SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580: EO 13148; EO 13101: EO 12873

44 Recommendation: a. Existing programs for permitting and siting on-site sewage disposal systems must be diligently enforced

Michigan does not have a statewide sanitary code to provide guidance and application of scientific and engineering principles for installing, inspecting, operating or maintaining onsite sewage disposal systems.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.709	Capacity Building Grants and Cooperative Agreements for States and Tribes	State agencies, tribes with enforcement and compliance assurance responsibilities or responsibilities that support enforcement and compliance assurance including	US EPA	Project Grants	CWA, Sec 104; FIFRA, Sec 20; CAA, Sec 103; SWDA, Sec 8001; SDWA, Sec 1442; TSCA, Sec 10; MPRSA, Sec 203; CERCLA, Sec 311; NEPA, Sec 102(2)(F); Indian Environmental General Assistance Program Act

45 Recommendation: b. Existing small package wastewater treatment plants and lagoon systems must be well monitored by state and local environmental officials

State of Michigan regulations Part 31 of Act 451, delegates authority to local units for ultimate oversight and control of all sanitary sewage sources generated and disposed within the governing municipality.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.709	Capacity Building Grants and Cooperative Agreements for States and Tribes	State agencies, tribes with enforcement and compliance assurance responsibilities or responsibilities that support enforcement and compliance assurance including	US EPA	Project Grants	CWA, Sec 104; FIFRA, Sec 20; CAA, Sec 103; SWDA, Sec 8001; SDWA, Sec 1442; TSCA, Sec 10; MPRSA, Sec 203; CERCLA, Sec 311; NEPA, Sec 102(2)(F); Indian Environmental General Assistance Program Act

46 Recommendation: c. Current E. coli monitoring programs for drains and tributaries must be maintained and examined for possible expansion

State of Michigan regulations Part 31 of Act 451, delegates authority to local units for ultimate oversight and control of all sanitary sewage sources generated and disposed within the governing municipality.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.472	Beach Monitoring and Notification Program Implementation Grants	Coastal and Great Lakes states, Tribes, in some cases local government	US EPA	Project Grants	Beach Monitoring and Notification Program Implementation Grants: CWA, Section 406, as amended; Beaches Environmental Assessment and Coastal Health Act of 2000; PL 106- 284

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.709	Capacity Building Grants and Cooperative Agreements for States and Tribes	State agencies, tribes with enforcement and compliance assurance responsibilities or responsibilities that support enforcement and compliance assurance including	US EPA	Project Grants	CWA, Sec 104; FIFRA, Sec 20; CAA, Sec 103; SWDA, Sec 8001; SDWA, Sec 1442; TSCA, Sec 10; MPRSA, Sec 203; CERCLA, Sec 311; NEPA, Sec 102(2)(F); Indian Environmental General Assistance Program Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396: SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580: EO 13148; EO 13101: EO 12873

47 Recommendation: d. Provide incentives for septage transfer stations and disposal facilities

While local county health departments and MDEQ have assigned roles for tracking and enforcing environmental and public health regulations throughout the State, the ultimate authority local public health and welfare lies with the local elected and appointed officials of all cities, villages, counties, and townships. This authority and responsibility is assigned here since local government has the ability to levy taxes and service fees, control land use through local zoning districts, and create governing ordinances.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.463	Water Quality Cooperative Agreements	State water pollution control agencies, interstate agencies, Tribes, colleges and universities, individuals, and other public or nonprofit organizations	US EPA	Project Grants	Water Quality Cooperative Agreements; Clean Water Act, Section 104(b)(3), Public Law 92-500, as amended, 33 U.S.C. 1254(b)(3)

48 Recommendation: Develop and implement an education and incentive program to assist local units of government in providing regional sewer service that would minimize the number of small local

Discretion oriented recommendations are often initiated by parties with a direct interest in the project. In this case, local units of government, public interest groups, or universities would be the likely lead. Assistance for the project may come from various federal programs.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.463	Water Quality Cooperative Agreements	State water pollution control agencies, interstate agencies, Tribes, colleges and universities, individuals, and other public or nonprofit organizations	US EPA	Project Grants	Water Quality Cooperative Agreements: Clean Water Act, Section 104(b)(3), Public Law 92-500, as amended, 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396: SDWA, Sec. 1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580; EO 13148; EO 13101; EO 12873

49 Recommendation: Evaluate the impact of wildlife, pets, and livestock on elevated E. coli levels. Institute a regional bacterial source tracking system (BST)

The Michigan Public Health Code, P.A. 368 of 1978 authorizes local health departments to monitor and evaluate water quality at public bathing beaches and to determine whether the water is safe for bathing purposes. With guidance from MDEQ local health departments determine how best to monitor such conductions. Specific projects to help inform local health departments are typically initiated by the health departments themselves, or at the discretion of other interested parties. Federal funding is often available to assist interested parties.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.961	Scientific Cooperation and Research	U.S. institutions of higher learning, U.S. Federal or State agencies, public/private nonprofit organizations	USDA	Project Grants; Direct Payments for Specified Use	National Agricultural Research, Extension, and Teaching Policy Act of 1977, as amended; Food Security Act of 1985, PL 99-198, as amended

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.463	Habitat Conservation	State and local governments, universities and colleges, Tribes, private universities and colleges, private profit and nonprofit research organizations, individuals	NOAA	Project Grants	Habitat Conservation: Fish and Wildlife Coordination Act of 1956, PL 100-220, Title II, Section 2204, 33 U.S.C. 1901 et. seq.; Department of Commerce Appropriation Act of 1999; and Coral Reef Conservation Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.473	Coastal Services Center	Institutions of higher education, hospitals, nonprofits, commercial organizations, foreign governments, organizations under the jurisdiction of	NOAA	Project Grants	Coastal Services Center (CSC): 16 U.S.C. 1456C; 15 U.S.C. 1540; 33 U.S.C. 1442, 883a-d

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.805	Assistance to State Water Resources Research Institutes	State designated Water Research Institute University	USGS	Formula Grants; Project Grants	Water Resources Research Act of 1984, Section 104, PL 98-242 as amended

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.808	U.S. Geological Survey_Research and Data Acquisition	Colleges, universities, profit-making and nonprofit organizations, and State and local governments	USGS	Project Grants	Organic Act of 1879

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control, State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130
<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.436	Surveys, Studies, Investigations, Demonstrations and Training Grants and Cooperative	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Clean Water Act, Section 104(b)(3)
<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)
<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.511	Office of Research and Development Consolidated Research	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local governmental departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396: SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580: EO 13148; EO 13101: EO 12873

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
93.208	Great Lakes Human Health Effects Research	public health agencies, including State universities, State colleges, State research institutions, Tribes	ATSDR HSS	Project Grants	CERCLA, as amended; SARA, Sec 104 (i)(5)(A) and (15), PL99-499; Great Lakes Critical Programs Act of 1990, Sec 106, Subsection 118(e)

50 Recommendation: Continue research into more timely and cost effective strategies for early detection of beach closures and predictive models for beach closures

There are no current mandates making local, state, or federal governments responsible to ensure that the research and modeling in this recommendation is conducted, however, assistance is often available to various parties who, at their discretion, may be interested in conducting such research.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.473	Coastal Services Center	Institutions of higher education, hospitals, nonprofits, commercial organizations, foreign governments, organizations under the jurisdiction of	NOAA	Project Grants	Coastal Services Center (CSC): 16 U.S.C. 1456C; 15 U.S.C. 1540; 33 U.S.C. 1442, 883a-d

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.805	Assistance to State Water Resources Research Institutes	State designated Water Research Institute University	USGS	Formula Grants; Project Grants	Water Resources Research Act of 1984, Section 104, PL 98-242 as amended

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.436	Surveys, Studies, Investigations, Demonstrations and Training Grants and Cooperative	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Clean Water Act, Section 104(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.472	Beach Monitoring and Notification Program Implementation Grants	Coastal and Great Lakes states, Tribes, in some cases local government	US EPA	Project Grants	Beach Monitoring and Notification Program Implementation Grants: CWA, Section 406, as amended; Beaches Environmental Assessment and Coastal Health Act of 2000; PL 106- 284

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.509	Science To Achieve Results (STAR) Program	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local government departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.511	Office of Research and Development Consolidated Research	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local governmental departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
93.208	Great Lakes Human Health Effects Research	public health agencies, including State universities, State colleges, State research institutions, Tribes	ATSDR HSS	Project Grants	CERCLA, as amended; SARA, Sec 104 (i)(5)(A) and (15), PL99-499; Great Lakes Critical Programs Act of 1990, Sec 106, Subsection 118(e)

51 Recommendation: Implement the Beaches Environmental Assessment and Coastal Health Act (BEACH Act)

The BEACH Act authorizes USEPA to award grants to the State of Michigan to develop and implement beach water quality monitoring and notification programs. MDEQ solicits yearly requests for proposals to distribute BEACH Act funds. BEACH Act funds have been awarded since 2000.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.630	Coastal Program	Federal, State, interstate and intrastate agencies, tribes, sponsored organizations, public nonprofit organizations, private landowners	USFWS	Project Grants	Coastal Program: Fish and Wildlife Act of 1956, 16 U.S.C. 442 (a)-754, Fish and Wildlife Coordination Act of 1958

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.805	Assistance to State Water Resources Research Institutes	State designated Water Research Institute University	USGS	Formula Grants; Project Grants	Water Resources Research Act of 1984, Section 104, PL 98-242 as amended

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.472	Beach Monitoring and Notification Program Implementation Grants	Coastal and Great Lakes states, Tribes, in some cases local government	US EPA	Project Grants	Beach Monitoring and Notification Program Implementation Grants: CWA, Section 406, as amended; Beaches Environmental Assessment and Coastal Health Act of 2000; PL 106- 284

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.609	Protection of Children and the Aging as a Fundamental Goal of Public Health and Environmental	community groups, public or private nonprofit institutions, Tribes, profit organizations, local governments	US EPA	Project Grants	CAA, Sec 103(b)(3); CWA, Sec 104(b)(3); SDWA, Sec 1442(b)(3); TSCA, Sec 10; SWDA, Sec 8001; FIFRA, Sec 20; CERCLA, Sec 311(b) and ©

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
93.113	Biological Response to Environmental Health Hazards	university, college, hospital, State or local government, nonprofit research institution, for-profit organization	NIH HSS	Project Grant	Public Health Service Act, Section 301, PL 78-410, as amended; Small Business Research and Development Enhancement Act of 1992, PL 102-564

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
93.208	Great Lakes Human Health Effects Research	public health agencies, including State universities, State colleges, State research institutions, Tribes	ATSDR HSS	Project Grants	CERCLA, as amended; SARA, Sec 104 (i)(5)(A) and (15), PL99-499; Great Lakes Critical Programs Act of 1990, Sec 106, Subsection 118(e)

Chapter 6 - Land Use

52 *Recommendation:* Maintain, on a county and regional level, land use data and information. This should include maps that depict the location of coastal areas, protected and managed areas, and

Land use data and information is maintained by various agencies, including planning commissions and departments at the city, township and county level; regional agencies such as the Southeast Michigan Council of Governments; state agencies such as the Michigan Department of Natural Resources (and its Michigan Natural Features Inventory); and federal agencies such as the Coast Guard (for spill planning and response), the U.S. Fish and Wildlife Service (for federally managed areas), and the Army Corps of Engineers (for dredging, waterways management, and coastal management). However, no single agency is required to consolidate this data and information and analyze it with a focus on identifying priority areas for protection and management. The Great Lakes Commission and the National Oceanic and Atmospheric Administration (NOAA) are working collaboratively to develop a digital information resource that will characterize and assess the ecological features of the U.S. portion Lake St. Clair and provide the basis a coastal habitat restoration and conservation plan for Lake St. Clair (www.glc.org/habitat/). Long-term implementation of this plan, and regional cooperation on land use planning and preservation of natural habitat, will require collaboration among land-use agencies and organizations (such as land conservancies) concerned with habitat management. A regional forum may be required to facilitate this collaboration, possibly under the auspices of the U.S. Lake St. Clair watershed team.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.902	Soil and Water Conservation	Land owners, community organizations, State and local governments	NRCS USDA	Advisory Services and Counseling	Soil and Water Conservation: Soil Conservation and Domestic Allotment Act of 1936, as amended, Public Law 74-46

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.808	U.S. Geological Survey_Research and Data Acquisition	Colleges, universities, profit-making and nonprofit organizations, and State and local governments	USGS	Project Grants	Organic Act of 1879

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.608	State Information Grants	agencies of the state, Tribes, that administer programs and authorities delegated by the EPA	US EPA	Project Grants	CAA, Sec 103-104, as amended; PL101-549; SWDA, Section 8001; TSCA, Section 10, as amended; PL 94-469; CERCLA, Section 311, as amended; PL 95-510

53 Recommendation: Develop and implement regional and local watershed management plans to control, mitigate, and prevent point source and nonpoint source pollution

Many communities in the Lake St. Clair watershed are developing watershed management plans to meet permit requirements under the Clean Water Act's Phase II stormwater program, which is being administered by MDEQ under Michigan's National Pollutant Discharge Elimination System (NDPES) program. Municipalities and other public bodies that operate a separate stormwater system in urbanized areas are required to obtain a stormwater permit. A management plan for the Anchor Bay watershed is also being developed. Two major funding sources to support watershed management planning are the Clean Water Act Section 319 grant program administered by MDEQ; and the Clean Michigan Initiative environmental bond program. In addition, the Army Corps of Engineers= Remedial Action Plan program is being used to develop watershed plans in the Clinton River watershed. Other federal and state grant programs may be able to support watershed management planning activities.

Additional funding options for implementation can be found in SEMCOGs report, Options for Local Government Funding of Water Quality Activities. This report summarizes the types of local water quality programs in need of funding, the options available for raising the locally derived revenue, and some advantages and disadvantages for local officials to consider.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.454	Unallied Management Projects	State and local governments, public universities and colleges, Tribes, private universities and colleges, private profit and organizations, individuals	NOAA	Project Grants	Fish and Wildlife Coordination Act of 1956; Magnuson Fishery Conservation and Management Act; National Fisheries Research and Development Program; Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.463	Habitat Conservation	State and local governments, universities and colleges, Tribes, private universities and colleges, private profit and nonprofit research organizations, individuals	NOAA	Project Grants	Habitat Conservation: Fish and Wildlife Coordination Act of 1956, PL 100-220, Title II, Section 2204, 33 U.S.C. 1901 et. seq.; Department of Commerce Appropriation Act of 1999; and Coral Reef Conservation Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control, State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.436	Surveys, Studies, Investigations, Demonstrations and Training Grants and Cooperative	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Clean Water Act, Section 104(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.454	Water Quality Management Planning	State Water Quality Management Agencies	US EPA	Formula Grants	Clean Water Act, Sections 205(j) and 604(b), as amended; PL 97-117; Water Quality Act of 1987; PL100-4

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.510	Surveys, Studies, Investigations and Special Purpose Grants within the Office of Research and Development	States, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local government departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.610	Surveys, Studies, Investigations and Special Purpose Grants within the Office of the Administrator	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203; NEPA, Sec 102(2)(F)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.708	Pollution Prevention Grants Program	States, State Agencies, public universities, tribes	US EPA	Project Grants	Pollution Prevention Grants Program: Pollution Prevention Act of 1990, Section 6605, Public Law 101-508

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.716	Surveys, Studies, Investigations, Training Demonstrations and Educational Outreach	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	FIFRA, Sec 20, Toxic Substances Control Act; Section 10

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396; SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended; SWDA, Sec. 8001(a), as amended; RCRA, as amended; PL 94-580; EO 13148; EO 13101: EO 12873

54 Recommendation: Provide technical assistance to local units of government to manage development and natural resources in a sustainable manner through the use of education, incentives, technical

Generally, no single agency is legally required to provide the type of funding or technical assistance called for in this recommendation. Land-use planning is managed by local communities and is subject to relevant state and federal laws and regulations. Local municipalities have significant autonomy in managing land-use planning within their jurisdictions and are not required to promote sustainable development beyond the requirements of existing federal and state laws. Regional planning organizations, such as SEMCOG, and groups such as watershed councils and land conservancies, often work with municipalities to encourage land use practices that are protective of water quality and habitat. Funding for these efforts may be available from federal and state grant programs and foundations.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.902	Soil and Water Conservation	Land owners, community organizations, State and local governments	NRCS USDA	Advisory Services and Counseling	Soil and Water Conservation: Soil Conservation and Domestic Allotment Act of 1936, as amended, Public Law 74-46

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.904	Watershed Protection and Flood Prevention	State agency, local governments, soil and water conservation district, flood control district, Tribe, nonprofit institutions	USDA	Project Grants; Advisory Services and Counseling	Watershed Protection and Flood Prevention Act, PL 83-566, as amended: PL84-1018; PL85-624; PL85-865; PL86-468; PL86-545; PL87-170; PL87-703; PL 89-337; PL90-361; PL97-98; PL99-662; PL101-624

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.463	Habitat Conservation	State and local governments, universities and colleges, Tribes, private universities and colleges, private profit and nonprofit research organizations, individuals	NOAA	Project Grants	Habitat Conservation: Fish and Wildlife Coordination Act of 1956, PL 100-220, Title II, Section 2204, 33 U.S.C. 1901 et. seq.; Department of Commerce Appropriation Act of 1999; and Coral Reef Conservation Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control, State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.436	Surveys, Studies, Investigations, Demonstrations and Training Grants and Cooperative	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Clean Water Act, Section 104(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.454	Water Quality Management Planning	State Water Quality Management Agencies	US EPA	Formula Grants	Clean Water Act, Sections 205(j) and 604(b), as amended; PL 97-117; Water Quality Act of 1987; PL100-4

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.463	Water Quality Cooperative Agreements	State water pollution control agencies, interstate agencies, Tribes, colleges and universities, individuals, and other public or nonprofit organizations	US EPA	Project Grants	Water Quality Cooperative Agreements: Clean Water Act, Section 104(b)(3), Public Law 92-500, as amended, 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C. 1254

55 Recommendation: a. Increase funds and tech asst for local govt. to develop and implement land use plans. Emphasize erosion hazards, floodplain function, sediment. controls, habitat protection,

See comment for Recommendation #55

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.904	Watershed Protection and Flood Prevention	State agency, local governments, soil and water conservation district, flood control district, Tribe, nonprofit institutions	USDA	Project Grants; Advisory Services and Counseling	Watershed Protection and Flood Prevention Act, PL 83-566, as amended: PL84-1018; PL85-624; PL85-865; PL86-468; PL86-545; PL87-170; PL87-703; PL 89-337; PL90-361; PL97-98; PL99-662; PL101-624

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

56 Recommendation: b. Increase funds and technical resources for local units of governments to implement best management practices (BMPs) to protect natural resources, reduce erosion, and

See comment for Recommendation #55

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.904	Watershed Protection and Flood Prevention	State agency, local governments, soil and water conservation district, flood control district, Tribe, nonprofit institutions	USDA	Project Grants; Advisory Services and Counseling	Watershed Protection and Flood Prevention Act, PL 83-566, as amended: PL84-1018; PL85-624; PL85-865; PL86-468; PL86-545; PL87-170; PL87-703; PL 89-337; PL90-361; PL97-98; PL99-662; PL101-624

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

57 Recommendation: c. Educate local zoning boards and planning comm. on innovative tools to manage. development and natural resources in a sustainable manner, like model ordinances,

See comment for Recommendation #55

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.902	Soil and Water Conservation	Land owners, community organizations, State and local governments	NRCS USDA	Advisory Services and Counseling	Soil and Water Conservation: Soil Conservation and Domestic Allotment Act of 1936, as amended, Public Law 74-46

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.463	Habitat Conservation	State and local governments, universities and colleges, Tribes, private universities and colleges, private profit and nonprofit research organizations, individuals	NOAA	Project Grants	Habitat Conservation: Fish and Wildlife Coordination Act of 1956, PL 100-220, Title II, Section 2204, 33 U.S.C. 1901 et. seq.; Department of Commerce Appropriation Act of 1999; and Coral Reef Conservation Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control, State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.436	Surveys, Studies, Investigations, Demonstrations and Training Grants and Cooperative	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Clean Water Act, Section 104(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.708	Pollution Prevention Grants Program	States, State Agencies, public universities, tribes	US EPA	Project Grants	Pollution Prevention Grants Program: Pollution Prevention Act of 1990, Section 6605, Public Law 101-508

58 Recommendation: d. Encourage local zoning boards and planning commissions to establish regulations to limit development in sensitive areas, such as critical habitats and erosion sites

See comment for Recommendation #55

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.436	Surveys, Studies, Investigations, Demonstrations and Training Grants and Cooperative	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Clean Water Act, Section 104(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.708	Pollution Prevention Grants Program	States, State Agencies, public universities, tribes	US EPA	Project Grants	Pollution Prevention Grants Program: Pollution Prevention Act of 1990, Section 6605, Public Law 101-508

59 Recommendation: e. Encourage local zoning boards and planning comm. to incorporate a review of water quality impacts in all projects they review. Deny approval to projects that significantly

See comment for Recommendation #55

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396: SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580: EO 13148; EO 13101: EO 12873

60 Recommendation: Encourage local units of governments to implement tools such as Low Impact Development (LID) and wetland ordinances

Local units of government are not currently required to implement land use ordinances related to low impact development, wetlands protection or other issues beyond what is required in state and federal law. Efforts to promote such ordinances could be undertaken by regional planning organizations, such as SEMCOG, or nongovernmental groups such as watershed councils and land conservancies, among others. Funding for these efforts may be available from federal and state grant programs and foundations.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.463	Habitat Conservation	State and local governments, universities and colleges, Tribes, private universities and colleges, private profit and nonprofit research organizations, individuals	NOAA	Project Grants	Habitat Conservation: Fish and Wildlife Coordination Act of 1956, PL 100-220, Title II, Section 2204, 33 U.S.C. 1901 et. seq.; Department of Commerce Appropriation Act of 1999; and Coral Reef Conservation Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.461	Wetland Program Development Grants	State, tribal, or local government agencies; interstate/inter-tribal entities and associations; and not-for-profit organizations	US EPA	Project Grants	Clean Water Act, Section 104(b)(3), as amended; Public Law 92-500; 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.463	Water Quality Cooperative Agreements	State water pollution control agencies, interstate agencies, Tribes, colleges and universities, individuals, and other public or nonprofit organizations	US EPA	Project Grants	Water Quality Cooperative Agreements: Clean Water Act, Section 104(b)(3), Public Law 92-500, as amended, 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C. 1254

61 Recommendation: Minimize traditional techniques of shoreline hardening and encourage alternative approaches that improve fish and wildlife production capacity through habitat protection and

The U.S. Army Corps of Engineers has authority for maintaining federal navigation channels, approving shoreline modifications, and determining coastal areas that qualify for protection as wetlands. The U.S. Fish and Wildlife Service and the Michigan Department of Natural Resources also have programs and authorities for protecting and conserving coastal habitats. Many coastal management issues are addressed under Michigan's Coastal Management Program, administered by MDEQ. The program protects sensitive shoreline resources, identifies coastal areas appropriate for development, designates areas hazardous to development and improves public access to the coastline. The program also reviews federal agency activities to ensure they are consistent with Michigan's approved coastal management program. Specific MDEQ programs that support coastal management efforts include Great Lakes Submerged Lands, Shorelands Protection and Management; Sand Dune Protection and Management; Inland Lakes and Streams; and Wetlands Protection. The Coastal Management Program also administers grants to local communities and nonprofit entities for coastal activities such as planning and design studies; historic preservation projects; coastal education materials; development of local zoning ordinances; master planning of coastal significance; and waterfront redevelopment studies. Grants also support low-cost construction projects such as trails, boardwalks, scenic overlooks, education and/or interpretive displays, restoration of historic coastal structures, and barrier-free retrofitting.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.069	Conservation Reserve Program	individuals, Tribes, estates, trusts, business enterprises, other legal entities, States and local	USDA	Direct Payments for Specified Use	Food Security Act of 1985, Title XII, Public Law 99-198, as amended; Food, Agriculture, Conservation, and Trade Act of 1990, Public Law 101-624; Federal Agriculture Improvement and Reform Act of 1996, Public Law 104-127

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.902	Soil and Water Conservation	Land owners, community organizations, State and local governments	NRCS USDA	Advisory Services and Counseling	Soil and Water Conservation: Soil Conservation and Domestic Allotment Act of 1936, as amended, Public Law 74-46

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.914	Wildlife Habitat Incentive Program	owner, landlord, operator, tenant of eligible lands, limited resource producers, small scale producers, producers of minority groups, Tribes	NRCS USDA	Direct Payments for Specified Use	Wildlife Habitat Incentive Program: Federal Improvement and Reform Act of 1996, PL 104-127; 16 U.S.C. 3830 et. seq.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.407	Interjurisdictional Fisheries Act of 1986	State agency authorized to regulate commercial fisheries	NOAA	Formula Grants	Interjurisdictional Fisheries Act of 1986, Public Law 99-659, Title III, 16 U.S.C. 4106

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.419	Coastal Zone Management Administration Awards	Any coastal State, including the Great Lakes	NOAA	Formula Grant	CZM Act, Sec 306, 308, 309, PL 92-583; CZM Act Amendments, Sec 306, PL 94-370, PL96-464, PL98-620, PL 99-272, PL101-508; Appropriations for Fiscal Year 2001, PL106-553; Appropriations for Fiscal Year 2002, PL107-077

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.463	Habitat Conservation	State and local governments, universities and colleges, Tribes, private universities and colleges, private profit and nonprofit research organizations, individuals	NOAA	Project Grants	Habitat Conservation: Fish and Wildlife Coordination Act of 1956, PL 100-220, Title II, Section 2204, 33 U.S.C. 1901 et. seq.; Department of Commerce Appropriation Act of 1999; and Coral Reef Conservation Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.473	Coastal Services Center	Institutions of higher education, hospitals, nonprofits, commercial organizations, foreign governments, organizations under the jurisdiction of	NOAA	Project Grants	Coastal Services Center (CSC): 16 U.S.C. 1456C; 15 U.S.C. 1540; 33 U.S.C. 1442, 883a-d

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.605	Sport Fish Restoration	State fish and wildlife agencies	USFWS	Formula Grants	Sport Fish Restoration: Federal Aid in Sport Fish Restoration Act of 1950, 64 Stat. 430, as amended

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.630	Coastal Program	Federal, State, interstate and intrastate agencies, tribes, sponsored organizations, public nonprofit organizations, private landowners	USFWS	Project Grants	Coastal Program: Fish and Wildlife Act of 1956, 16 U.S.C. 442 (a)-754, Fish and Wildlife Coordination Act of 1958

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.461	Wetland Program Development Grants	State, tribal, or local government agencies; interstate/inter-tribal entities and associations; and not-for-profit organizations	US EPA	Project Grants	Clean Water Act, Section 104(b)(3), as amended; Public Law 92-500; 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

62 Recommendation: Accelerate implementation of existing incentive programs to reduce nonpoint source pollution

A variety of federal, state and local programs are in place to reduce nonpoint source pollution. Among others, these include the Clean Water Act Section 319 program administered by U.S. EPA, via MDEQ, that supports development and implementation nonpoint source controls; other Clean Water Act programs administered by U.S. EPA; the Coastal Zone Management Act administered by the National Oceanic and Atmospheric Administration (NOAA) and MDEQ; and numerous programs directed toward agricultural operations administered by the Department of Agriculture under the Natural Resources Conservation Service and in collaboration with local conservation districts and university cooperative extension programs. In addition, local programs being developed under Phase II of U.S. EPA's stormwater management program will address many nonpoint sources of pollution in urban areas. Many local communities have ordinances requiring best management practices to minimize nonpoint source pollution from construction sites and new development. Funding for education, outreach and incentive programs is generally provided by grant programs administered by federal and state agencies.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.069	Conservation Reserve Program	individuals, Tribes, estates, trusts, business enterprises, other legal entities, States and local	USDA	Direct Payments for Specified Use	Food Security Act of 1985, Title XII, Public Law 99-198, as amended; Food, Agriculture, Conservation, and Trade Act of 1990, Public Law 101-624; Federal Agriculture Improvement and Reform Act of 1996, Public Law 104-127

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.305	Compliance Assistance_Support for Services to the Regulated Community and Other Assistance	nonprofit organizations, Colleges, universities, State, tribal and local governments	US EPA	Project Grants	CWA, Section 104, as amended; PL 92-500; Clean Air Act, Section 103, as amended; PL 91-604; SWDA, Section 8001, as amended; RCRA; PL 94-58

63 Recommendation: Require the use of best management practices, such as stormwater control measures, that limit post-development flow rates to predevelopment levels

Much activity related to this recommendation is occurring as part of municipal efforts to comply with permit requirements under the Clean Water Act's Phase II stormwater program, which is being administered by MDEQ under Michigan's National Pollutant Discharge Elimination System (NDPES) program. Phase II stormwater permits require communities to develop a public education plan; an Illicit Discharge Elimination Plan; a public participation plan; a plan for controlling construction site runoff control; a pollution prevention/good housekeeping plan for municipal operations; and a storm water ordinance to address post construction storm water runoff from new development and redevelopment. Watershed planning and related activities under the Phase II program are under way among communities in the watershed. Additional efforts to address this recommendation can be implemented via ordinances approved by local municipalities, drain commission offices, and other entities.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.905	Plant Materials for Conservation	State and Federal agencies and conservation districts	NRCS USDA	Provision of Specialized Services	Soil Conservation and Domestic Allotment Act of 1936, as amended, Public Law 74-46

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control, State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

64 Recommendation: Evaluate soil erosion and sedimentation control programs for adequate staffing and enforcement

As discussed, programs to address soil erosion and sedimentation are administered at many different levels. Much of the public education and outreach, and enforcement efforts occur at the local level among cities, villages, and townships, as well as county-level agencies such as drain commissioners, conservation districts, farm bureaus, health departments, and cooperative extension programs. A collaborative process of assessing the adequacy of soil erosion programs would likely have to involve multiple parties representing these entities.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.904	Watershed Protection and Flood Prevention	State agency, local governments, soil and water conservation district, flood control district, Tribe, nonprofit institutions	USDA	Project Grants; Advisory Services and Counseling	Watershed Protection and Flood Prevention Act, PL 83-566, as amended: PL84-1018; PL85-624; PL85-865; PL86-468; PL86-545; PL87-170; PL87-703; PL 89-337; PL90-361; PL97-98; PL99-662; PL101-624

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.419	Coastal Zone Management Administration Awards	Any coastal State, including the Great Lakes	NOAA	Formula Grant	CZM Act, Sec 306, 308, 309, PL 92-583; CZM Act Amendments, Sec 306, PL 94-370, PL96-464, PL98-620, PL 99-272, PL101-508; Appropriations for Fiscal Year 2001, PL106-553; Appropriations for Fiscal Year 2002, PL107-077

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.808	U.S. Geological Survey_Research and Data Acquisition	Colleges, universities, profit- making and nonprofit organizations, and State and local governments	USGS	Project Grants	Organic Act of 1879

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.454	Water Quality Management Planning	State Water Quality Management Agencies	US EPA	Formula Grants	Clean Water Act, Sections 205(j) and 604(b), as amended; PL 97- 117; Water Quality Act of 1987; PL100-4

65 Recommendation: Identify and target priority areas for soil erosion and sediment control efforts

A number of local entities, such as conservation districts, watershed councils, and drain commissioners, among others, are well positioned to identify and prioritize areas for soil erosion control efforts. This may involve technical assistance from other state or municipal agencies. Funding may be available from grant programs, permit fees or fines levied for violation of soil erosion ordinances. The Great Lakes Basin Program for Soil Erosion and Sediment Control sponsors an annual erosion and sediment control grants program. This program distributes millions of dollars each year to support demonstration and education initiatives in the Great Lakes basin.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.904	Watershed Protection and Flood Prevention	State agency, local governments, soil and water conservation district, flood control district, Tribe, nonprofit institutions	USDA	Project Grants; Advisory Services and Counseling	Watershed Protection and Flood Prevention Act, PL 83-566, as amended: PL84-1018; PL85-624; PL85-865; PL86-468; PL86-545; PL87-170; PL87-703; PL 89-337; PL90-361; PL97-98; PL99-662; PL101-624
10.961	Scientific Cooperation and Research	U.S. institutions of higher learning, U.S. Federal or State agencies, public/private nonprofit organizations	USDA	Project Grants; Direct Payments for Specified Use	National Agricultural Research, Extension, and Teaching Policy Act of 1977, as amended; Food Security Act of 1985, PL 99-198, as amended

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.419	Coastal Zone Management Administration Awards	Any coastal State, including the Great Lakes	NOAA	Formula Grant	CZM Act, Sec 306, 308, 309, PL 92-583; CZM Act Amendments, Sec 306, PL 94-370, PL96-464, PL98-620, PL 99-272, PL101-508; Appropriations for Fiscal Year 2001, PL106-553; Appropriations for Fiscal Year 2002, PL107-077

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.463	Habitat Conservation	State and local governments, universities and colleges, Tribes, private universities and colleges, private profit and nonprofit research organizations, individuals	NOAA	Project Grants	Habitat Conservation: Fish and Wildlife Coordination Act of 1956, PL 100-220, Title II, Section 2204, 33 U.S.C. 1901 et. seq.; Department of Commerce Appropriation Act of 1999; and Coral Reef Conservation Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.473	Coastal Services Center	Institutions of higher education, hospitals, nonprofits, commercial organizations, foreign governments, organizations under the jurisdiction of	NOAA	Project Grants	Coastal Services Center (CSC): 16 U.S.C. 1456C; 15 U.S.C. 1540; 33 U.S.C. 1442, 883a-d

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.808	U.S. Geological Survey_Research and Data Acquisition	Colleges, universities, profit-making and nonprofit organizations, and State and local governments	USGS	Project Grants	Organic Act of 1879

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control, State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130
<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.436	Surveys, Studies, Investigations, Demonstrations and Training Grants and Cooperative	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Clean Water Act, Section 104(b)(3)
<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.454	Water Quality Management Planning	State Water Quality Management Agencies	US EPA	Formula Grants	Clean Water Act, Sections 205(j) and 604(b), as amended; PL 97-117; Water Quality Act of 1987; PL100-4
<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.509	Science To Achieve Results (STAR) Program	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local government departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.511	Office of Research and Development Consolidated Research	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local governmental departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396; SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580: EO 13148; EO 13101: EO 12873

66 Recommendation: Educate property owners, such as homeowners and farmers, about nonpoint source pollution and encourage them to implement actions to minimize the amount of nonpoint source

Public information and outreach efforts relating to nonpoint source pollution are implemented by a wide variety of entities including state and federal agencies, municipal agencies, farm groups, conservation districts and county cooperative extension programs, and nonprofit organizations such as watershed councils. Additional efforts are being developed and implemented as part of the public education plans required under the Phase II stormwater permit.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.905	Plant Materials for Conservation	State and Federal agencies and conservation districts	NRCS USDA	Provision of Specialized Services	Soil Conservation and Domestic Allotment Act of 1936, as amended, Public Law 74-46

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.463	Habitat Conservation	State and local governments, universities and colleges, Tribes, private universities and colleges, private profit and nonprofit research organizations, individuals	NOAA	Project Grants	Habitat Conservation: Fish and Wildlife Coordination Act of 1956, PL 100-220, Title II, Section 2204, 33 U.S.C. 1901 et. seq.; Department of Commerce Appropriation Act of 1999; and Coral Reef Conservation Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control, State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.463	Water Quality Cooperative Agreements	State water pollution control agencies, interstate agencies, Tribes, colleges and universities, individuals, and other public or nonprofit organizations	US EPA	Project Grants	Water Quality Cooperative Agreements: Clean Water Act, Section 104(b)(3), Public Law 92-500, as amended, 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C. 1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.716	Surveys, Studies, Investigations, Training Demonstrations and Educational Outreach	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	FIFRA, Sec 20, Toxic Substances Control Act; Section 10

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396: SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580: EO 13148; EO 13101: EO 12873

67 Recommendation: Enforce the requirements of the Michigan General Stormwater Permit and the U.S. EPA Phase II stormwater permit

Enforcement responsibilities under the Phase II stormwater program rest with MDEQ as part of its NPDES program.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.709	Capacity Building Grants and Cooperative Agreements for States and Tribes	State agencies, tribes with enforcement and compliance assurance responsibilities or responsibilities that support enforcement and compliance assurance including	US EPA	Project Grants	CWA, Sec 104; FIFRA, Sec 20; CAA, Sec 103; SWDA, Sec 8001; SDWA, Sec 1442; TSCA, Sec 10; MPRSA, Sec 203; CERCLA, Sec 311; NEPA, Sec 102(2)(F); Indian Environmental General Assistance Program Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396; SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580: EO 13148; EO 13101: EO 12873

68 Recommendation: Develop and implement Storm Water Pollution Prevention Initiatives (SWPPIs) in all Phase II governmental units in the watershed, including implementation of pollution prevention

This recommendation will be implemented by municipalities applying for permits under U.S. EPA's Phase II stormwater program, being administered by MDEQ.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.419	Coastal Zone Management Administration Awards	Any coastal State, including the Great Lakes	NOAA	Formula Grant	CZM Act, Sec 306, 308, 309, PL 92-583; CZM Act Amendments, Sec 306, PL 94-370, PL96-464, PL98-620, PL 99-272, PL101-508; Appropriations for Fiscal Year 2001, PL106-553; Appropriations for Fiscal Year 2002, PL107-077

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.436	Surveys, Studies, Investigations, Demonstrations and Training Grants and Cooperative	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Clean Water Act, Section 104(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.454	Water Quality Management Planning	State Water Quality Management Agencies	US EPA	Formula Grants	Clean Water Act, Sections 205(j) and 604(b), as amended; PL 97-117; Water Quality Act of 1987; PL100-4

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.463	Water Quality Cooperative Agreements	State water pollution control agencies, interstate agencies, Tribes, colleges and universities, individuals, and other public or nonprofit organizations	US EPA	Project Grants	Water Quality Cooperative Agreements: Clean Water Act, Section 104(b)(3), Public Law 92-500, as amended, 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.708	Pollution Prevention Grants Program	States, State Agencies, public universities, tribes	US EPA	Project Grants	Pollution Prevention Grants Program: Pollution Prevention Act of 1990, Section 6605, Public Law 101-508

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396: SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580: EO 13148; EO 13101: EO 12873

69 Recommendation: Implement BMPs designed to minimize impacts of new development and redevelopment

State and federal laws and local ordinances mandate requirements related to construction practices, land use planning and development. The Phase II stormwater permit also requires affected communities to develop plans for complying with soil erosion and sedimentation controls as well as ordinances to control stormwater runoff from new development and redevelopment. Additional, voluntary activities designed to minimize environmental impacts from development can be promoted by regional planning organizations, local agencies, and nongovernmental groups. Funding for these efforts may be available from federal and state grant programs and foundations.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.905	Plant Materials for Conservation	State and Federal agencies and conservation districts	NRCS USDA	Provision of Specialized Services	Soil Conservation and Domestic Allotment Act of 1936, as amended, Public Law 74-46

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.419	Coastal Zone Management Administration Awards	Any coastal State, including the Great Lakes	NOAA	Formula Grant	CZM Act, Sec 306, 308, 309, PL 92-583; CZM Act Amendments, Sec 306, PL 94-370, PL96-464, PL98-620, PL 99-272, PL101-508; Appropriations for Fiscal Year 2001, PL106-553; Appropriations for Fiscal Year 2002, PL107-077

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.463	Water Quality Cooperative Agreements	State water pollution control agencies, interstate agencies, Tribes, colleges and universities, individuals, and other public or nonprofit organizations	US EPA	Project Grants	Water Quality Cooperative Agreements: Clean Water Act, Section 104(b)(3), Public Law 92-500, as amended, 33 U.S.C. 1254(b)(3)

70 Recommendation: Incorporate findings from the watershed planning efforts into future land use planning to improve stormwater management

Watershed plans and other community plans need to acknowledge the importance of stormwater management and relate it to the health, safety and welfare of its residents. Under the federal Phase II storm water regulations, permitted communities are required to include provisions for developing, implementing, and enforcing programs to manage stormwater from new development and redevelopment.

Stormwater management ordinances are one mechanism to ensure that these requirements are met. A stormwater ordinance regulates stormwater runoff for the purpose of protecting local water resources from degradation, preventing flooding, and meeting other water quality and quantity goals. A stormwater management ordinance can be used to communicate to developers how stormwater quality and quantity are viewed by the community, and can give them guidance to how they should approach stormwater management on site through their designs. Efforts to promote such ordinances could be undertaken by regional planning organizations, such as SEMCOG, or nongovernmental groups such as watershed councils and land conservancies, among others. Funding for these efforts may be available from federal and state grant programs and foundations.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
00.000	N/A	N/A	N/A	N/A	N/A

71 Recommendation: Adopt improved local ordinances, consistent Master Planning, and coordinated zoning

It is important that a community's master plan and all local ordinances are integrated and consistent. Master planning should reflect the community's vision of itself, and ordinances are a means to achieve that vision. To achieve the community's vision, ordinances must be consistent with each other and with the master plan, and reflect the choices a community makes in preparing for the future. Regional planning organizations, such as SEMCOG, and groups such as watershed councils and land conservancies, often work with municipalities to encourage land use practices that are protective of water quality and habitat, and consistent with master planning initiatives. Funding for specific activities may be available from federal and state grant programs and foundations. Additional funding options for implementation can be found in SEMCOG's report, Options for Local Government Funding of Water Quality Activities. This report summarizes the types of local water quality programs in need of funding, the options available for raising the locally derived revenue, and some advantages and disadvantages for local officials to consider.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.463	Water Quality Cooperative Agreements	State water pollution control agencies, interstate agencies, Tribes, colleges and universities, individuals, and other public or nonprofit organizations	US EPA	Project Grants	Water Quality Cooperative Agreements: Clean Water Act, Section 104(b)(3), Public Law 92-500, as amended, 33 U.S.C. 1254(b)(3)

72 Recommendation: a. Require infiltration, buffer strips, and other BMPs in developments

See comments for Recommendation # 70

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.709	Capacity Building Grants and Cooperative Agreements for States and Tribes	State agencies, tribes with enforcement and compliance assurance responsibilities or responsibilities that support enforcement and compliance assurance including	US EPA	Project Grants	CWA, Sec 104; FIFRA, Sec 20; CAA, Sec 103; SWDA, Sec 8001; SDWA, Sec 1442; TSCA, Sec 10; MPRSA, Sec 203; CERCLA, Sec 311; NEPA, Sec 102(2)(F); Indian Environmental General Assistance Program Act

73 Recommendation: b. Promote innovative site design that reduces the creation of impervious surface

See comments for Recommendation # 70

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.902	Soil and Water Conservation	Land owners, community organizations, State and local governments	NRCS USDA	Advisory Services and Counseling	Soil and Water Conservation: Soil Conservation and Domestic Allotment Act of 1936, as amended, Public Law 74-46

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.904	Watershed Protection and Flood Prevention	State agency, local governments, soil and water conservation district, flood control district, Tribe, nonprofit institutions	USDA	Project Grants; Advisory Services and Counseling	Watershed Protection and Flood Prevention Act, PL 83-566, as amended: PL84-1018; PL85-624; PL85-865; PL86-468; PL86-545; PL87-170; PL87-703; PL 89-337; PL90-361; PL97-98; PL99-662; PL101-624

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.905	Plant Materials for Conservation	State and Federal agencies and conservation districts	NRCS USDA	Provision of Specialized Services	Soil Conservation and Domestic Allotment Act of 1936, as amended, Public Law 74-46

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.914	Wildlife Habitat Incentive Program	owner, landlord, operator, tenant of eligible lands, limited resource producers, small scale producers, producers of minority groups, Tribes	NRCS USDA	Direct Payments for Specified Use	Wildlife Habitat Incentive Program: Federal Improvement and Reform Act of 1996, PL 104-127; 16 U.S.C. 3830 et. seq.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.419	Coastal Zone Management Administration Awards	Any coastal State, including the Great Lakes	NOAA	Formula Grant	CZM Act, Sec 306, 308, 309, PL 92-583; CZM Act Amendments, Sec 306, PL 94-370, PL96-464, PL98-620, PL 99-272, PL101-508; Appropriations for Fiscal Year 2001, PL106-553; Appropriations for Fiscal Year 2002, PL107-077

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.463	Water Quality Cooperative Agreements	State water pollution control agencies, interstate agencies, Tribes, colleges and universities, individuals, and other public or nonprofit organizations	US EPA	Project Grants	Water Quality Cooperative Agreements: Clean Water Act, Section 104(b)(3), Public Law 92-500, as amended, 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C. 1254

74 Recommendation: c. Emphasize stormwater management as requirements in local zoning and subdivision regulations

See comments for Recommendation # 70

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.463	Water Quality Cooperative Agreements	State water pollution control agencies, interstate agencies, Tribes, colleges and universities, individuals, and other public or nonprofit organizations	US EPA	Project Grants	Water Quality Cooperative Agreements: Clean Water Act, Section 104(b)(3), Public Law 92-500, as amended, 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396: SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580: EO 13148; EO 13101: EO 12873

Chapter 7 - Fisheries, Recreational Boating and Commercial Navigation

75 Recommendation: Develop and implement pollution prevention programs for marine industries and recreational activities

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.902	Soil and Water Conservation	Land owners, community organizations, State and local governments	NRCS USDA	Advisory Services and Counseling	Soil and Water Conservation: Soil Conservation and Domestic Allotment Act of 1936, as amended, Public Law 74-46

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.419	Coastal Zone Management Administration Awards	Any coastal State, including the Great Lakes	NOAA	Formula Grant	CZM Act, Sec 306, 308, 309, PL 92-583; CZM Act Amendments, Sec 306, PL 94-370, PL96-464, PL98-620, PL 99-272, PL101-508; Appropriations for Fiscal Year 2001, PL106-553; Appropriations for Fiscal Year 2002, PL107-077

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.305	Compliance Assistance_Support for Services to the Regulated Community and Other Assistance	nonprofit organizations, Colleges, universities, State, tribal and local governments	US EPA	Project Grants	CWA, Section 104, as amended; PL 92-500; Clean Air Act, Section 103, as amended; PL 91-604; SWDA, Section 8001, as amended; RCRA; PL 94-58

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.454	Water Quality Management Planning	State Water Quality Management Agencies	US EPA	Formula Grants	Clean Water Act, Sections 205(j) and 604(b), as amended; PL 97-117; Water Quality Act of 1987; PL100-4

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.708	Pollution Prevention Grants Program	States, State Agencies, public universities, tribes	US EPA	Project Grants	Pollution Prevention Grants Program: Pollution Prevention Act of 1990, Section 6605, Public Law 101-508

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.709	Capacity Building Grants and Cooperative Agreements for States and Tribes	State agencies, tribes with enforcement and compliance assurance responsibilities or responsibilities that support enforcement and compliance assurance including	US EPA	Project Grants	CWA, Sec 104; FIFRA, Sec 20; CAA, Sec 103; SWDA, Sec 8001; SDWA, Sec 1442; TSCA, Sec 10; MPRSA, Sec 203; CERCLA, Sec 311; NEPA, Sec 102(2)(F); Indian Environmental General Assistance Program Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396: SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580: EO 13148; EO 13101: EO 12873

76 Recommendation: a. Expand pollution prevention programs to target boat maintenance and repair facilities in all counties bordering Lake St. Clair

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.419	Coastal Zone Management Administration Awards	Any coastal State, including the Great Lakes	NOAA	Formula Grant	CZM Act, Sec 306, 308, 309, PL 92-583; CZM Act Amendments, Sec 306, PL 94-370, PL96-464, PL98-620, PL 99-272, PL101-508; Appropriations for Fiscal Year 2001, PL106-553; Appropriations for Fiscal Year 2002, PL107-077

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.305	Compliance Assistance_Support for Services to the Regulated Community and Other Assistance	nonprofit organizations, Colleges, universities, State, tribal and local governments	US EPA	Project Grants	CWA, Section 104, as amended; PL 92-500; Clean Air Act, Section 103, as amended; PL 91-604; SWDA, Section 8001, as amended; RCRA; PL 94-58

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.454	Water Quality Management Planning	State Water Quality Management Agencies	US EPA	Formula Grants	Clean Water Act, Sections 205(j) and 604(b), as amended; PL 97-117; Water Quality Act of 1987; PL100-4

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.463	Water Quality Cooperative Agreements	State water pollution control agencies, interstate agencies, Tribes, colleges and universities, individuals, and other public or nonprofit organizations	US EPA	Project Grants	Water Quality Cooperative Agreements: Clean Water Act, Section 104(b)(3), Public Law 92-500, as amended, 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.708	Pollution Prevention Grants Program	States, State Agencies, public universities, tribes	US EPA	Project Grants	Pollution Prevention Grants Program: Pollution Prevention Act of 1990, Section 6605, Public Law 101-508

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.709	Capacity Building Grants and Cooperative Agreements for States and Tribes	State agencies, tribes with enforcement and compliance assurance responsibilities or responsibilities that support enforcement and compliance assurance including	US EPA	Project Grants	CWA, Sec 104; FIFRA, Sec 20; CAA, Sec 103; SWDA, Sec 8001; SDWA, Sec 1442; TSCA, Sec 10; MPRSA, Sec 203; CERCLA, Sec 311; NEPA, Sec 102(2)(F); Indian Environmental General Assistance Program Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396: SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580: EO 13148; EO 13101: EO 12873

77 Recommendation: **b. Support implementation of a Clean Marina Program to educate marina operators about best management practices in order to avoid pollution releases to the environment and**

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.419	Coastal Zone Management Administration Awards	Any coastal State, including the Great Lakes	NOAA	Formula Grant	CZM Act, Sec 306, 308, 309, PL 92-583; CZM Act Amendments, Sec 306, PL 94-370, PL96-464, PL98-620, PL 99-272, PL101-508; Appropriations for Fiscal Year 2001, PL106-553; Appropriations for Fiscal Year 2002, PL107-077

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.305	Compliance Assistance_Support for Services to the Regulated Community and Other Assistance	nonprofit organizations, Colleges, universities, State, tribal and local governments	US EPA	Project Grants	CWA, Section 104, as amended; PL 92-500; Clean Air Act, Section 103, as amended; PL 91-604; SWDA, Section 8001, as amended; RCRA; PL 94-58

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.463	Water Quality Cooperative Agreements	State water pollution control agencies, interstate agencies, Tribes, colleges and universities, individuals, and other public or nonprofit organizations	US EPA	Project Grants	Water Quality Cooperative Agreements:Clean Water Act, Section 104(b)(3), Public Law 92-500, as amended, 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.708	Pollution Prevention Grants Program	States, State Agencies, public universities, tribes	US EPA	Project Grants	Pollution Prevention Grants Program: Pollution Prevention Act of 1990, Section 6605, Public Law 101-508

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.709	Capacity Building Grants and Cooperative Agreements for States and Tribes	State agencies, tribes with enforcement and compliance assurance responsibilities or responsibilities that support enforcement and compliance assurance including	US EPA	Project Grants	CWA, Sec 104; FIFRA, Sec 20; CAA, Sec 103; SWDA, Sec 8001; SDWA, Sec 1442; TSCA, Sec 10; MPRSA, Sec 203; CERCLA, Sec 311; NEPA, Sec 102(2)(F); Indian Environmental General Assistance Program Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396: SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580: EO 13148; EO 13101: EO 12873

78 Recommendation: Assure compliance with existing rules and regulations for watercraft users

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.305	Compliance Assistance_Support for Services to the Regulated Community and Other Assistance	nonprofit organizations, Colleges, universities, State, tribal and local governments	US EPA	Project Grants	CWA, Section 104, as amended; PL 92-500; Clean Air Act, Section 103, as amended; PL 91-604; SWDA, Section 8001, as amended; RCRA; PL 94-58

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.708	Pollution Prevention Grants Program	States, State Agencies, public universities, tribes	US EPA	Project Grants	Pollution Prevention Grants Program: Pollution Prevention Act of 1990, Section 6605, Public Law 101-508

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.709	Capacity Building Grants and Cooperative Agreements for States and Tribes	State agencies, tribes with enforcement and compliance assurance responsibilities or responsibilities that support enforcement and compliance assurance including	US EPA	Project Grants	CWA, Sec 104; FIFRA, Sec 20; CAA, Sec 103; SWDA, Sec 8001; SDWA, Sec 1442; TSCA, Sec 10; MPRSA, Sec 203; CERCLA, Sec 311; NEPA, Sec 102(2)(F); Indian Environmental General Assistance Program Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396: SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580: EO 13148; EO 13101: EO 12873

79 Recommendation: Increase the number of pump-out stations in the watershed to accommodate increasing boater demand

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.616	Clean Vessel Act	States bordering on the Atlantic, Gulf, Pacific and Great Lakes coasts	USFWS	Project Grants	Clean Vessel Act of 1992, Section 5604, Public Law 102-587

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.708	Pollution Prevention Grants Program	States, State Agencies, public universities, tribes	US EPA	Project Grants	Pollution Prevention Grants Program: Pollution Prevention Act of 1990, Section 6605, Public Law 101-508

81 Recommendation: Support efforts of the Great Lakes Dredging team to develop risk-based guidance to establish contamination thresholds for different beneficial use applications of dredged material,

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.419	Coastal Zone Management Administration Awards	Any coastal State, including the Great Lakes	NOAA	Formula Grant	CZM Act, Sec 306, 308, 309, PL 92-583; CZM Act Amendments, Sec 306, PL 94-370, PL96-464, PL98-620, PL 99-272, PL101-508; Appropriations for Fiscal Year 2001, PL106-553; Appropriations for Fiscal Year 2002, PL107-077

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.454	Unallied Management Projects	State and local governments, public universities and colleges, Tribes, private universities and colleges, private profit and organizations, individuals	NOAA	Project Grants	Fish and Wildlife Coordination Act of 1956; Magnuson Fishery Conservation and Management Act; National Fisheries Research and Development Program; Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.463	Habitat Conservation	State and local governments, universities and colleges, Tribes, private universities and colleges, private profit and nonprofit research organizations, individuals	NOAA	Project Grants	Habitat Conservation: Fish and Wildlife Coordination Act of 1956, PL 100-220, Title II, Section 2204, 33 U.S.C. 1901 et. seq.; Department of Commerce Appropriation Act of 1999; and Coral Reef Conservation Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.473	Coastal Services Center	Institutions of higher education, hospitals, nonprofits, commercial organizations, foreign governments, organizations under the jurisdiction of	NOAA	Project Grants	Coastal Services Center (CSC): 16 U.S.C. 1456C; 15 U.S.C. 1540; 33 U.S.C. 1442, 883a-d

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.478	Center for Sponcered Coastal Ocean Research Coastal Ocean Program	Institutions of higher education, not-for- profit institutions, State, tribes, local governments, Federal agencies	NOAA	Project Grants	Center for Sponsored Coastal Ocean Research Coastal Ocean Program, Public Law 105-383

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.808	U.S. Geological Survey_Research and Data Acquisition	Colleges, universities, profit-making and nonprofit organizations, and State and local governments	USGS	Project Grants	Organic Act of 1879

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
93.208	Great Lakes Human Health Effects Research	public health agencies, including State universities, State colleges, State research institutions, Tribes	ATSDR HSS	Project Grants	CERCLA, as amended; SARA, Sec 104 (i)(5)(A) and (15), PL99-499; Great Lakes Critical Programs Act of 1990, Sec 106, Subsection 118(e)

82 Recommendation: Ensure that all dredging is done in an environmentally sound manner, utilize dredging equipment and techniques that will minimize downstream impacts

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
00.000	N/A	N/A	N/A	N/A	N/A

83 Recommendation: Prevent the introduction of aquatic invasive species from ballast water and other commercial vectors throughout the Great Lakes-St. Lawrence system

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.961	Scientific Cooperation and Research	U.S. institutions of higher learning, U.S. Federal or State agencies, public/private nonprofit organizations	USDA	Project Grants; Direct Payments for Specified Use	National Agricultural Research, Extension, and Teaching Policy Act of 1977, as amended; Food Security Act of 1985, PL 99-198, as amended

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.407	Interjurisdictional Fisheries Act of 1986	State agency authorized to regulate commercial fisheries	NOAA	Formula Grants	Interjurisdictional Fisheries Act of 1986, Public Law 99-659, Title III, 16 U.S.C. 4106

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.463	Habitat Conservation	State and local governments, universities and colleges, Tribes, private universities and colleges, private profit and nonprofit research organizations, individuals	NOAA	Project Grants	Habitat Conservation: Fish and Wildlife Coordination Act of 1956, PL 100-220, Title II, Section 2204, 33 U.S.C. 1901 et. seq.; Department of Commerce Appropriation Act of 1999; and Coral Reef Conservation Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.473	Coastal Services Center	Institutions of higher education, hospitals, nonprofits, commercial organizations, foreign governments, organizations under the jurisdiction of	NOAA	Project Grants	Coastal Services Center (CSC): 16 U.S.C. 1456C; 15 U.S.C. 1540; 33 U.S.C. 1442, 883a-d

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
12.100	Aquatic Plant Control	States, State political subdivisions, State political entities	USACE	Provision of Specialized Services; Dissemination of	Aquatic Plant Control: River and Harbor Act of 1958, as amended, Section 104

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.605	Sport Fish Restoration	State fish and wildlife agencies	USFWS	Formula Grants	Sport Fish Restoration: Federal Aid in Sport Fish Restoration Act of 1950, 64 Stat. 430, as amended

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

84 Recommendation: Evaluate and recommend ballast water management practices and treatment technologies

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.407	Interjurisdictional Fisheries Act of 1986	State agency authorized to regulate commercial fisheries	NOAA	Formula Grants	Interjurisdictional Fisheries Act of 1986, Public Law 99-659, Title III, 16 U.S.C. 4106

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.419	Coastal Zone Management Administration Awards	Any coastal State, including the Great Lakes	NOAA	Formula Grant	CZM Act, Sec 306, 308, 309, PL 92-583; CZM Act Amendments, Sec 306, PL 94-370, PL96-464, PL98-620, PL 99-272, PL101-508; Appropriations for Fiscal Year 2001, PL106-553; Appropriations for Fiscal Year 2002, PL107-077

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.511	Office of Research and Development Consolidated Research	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local governmental departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

85 Recommendation: Disseminate educational materials to prevent and limit the spread of aquatic nuisance species by recreational boaters, fishermen, and riparian property owners

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.407	Interjurisdictional Fisheries Act of 1986	State agency authorized to regulate commercial fisheries	NOAA	Formula Grants	Interjurisdictional Fisheries Act of 1986, Public Law 99-659, Title III, 16 U.S.C. 4106

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.463	Habitat Conservation	State and local governments, universities and colleges, Tribes, private universities and colleges, private profit and nonprofit research organizations, individuals	NOAA	Project Grants	Habitat Conservation: Fish and Wildlife Coordination Act of 1956, PL 100-220, Title II, Section 2204, 33 U.S.C. 1901 et. seq.; Department of Commerce Appropriation Act of 1999; and Coral Reef Conservation Act

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.473	Coastal Services Center	Institutions of higher education, hospitals, nonprofits, commercial organizations, foreign governments, organizations under the jurisdiction of	NOAA	Project Grants	Coastal Services Center (CSC): 16 U.S.C. 1456C; 15 U.S.C. 1540; 33 U.S.C. 1442, 883a-d

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

86 Recommendation: Provide adequate public access to Lake St. Clair by means of environmentally sound marinas, boat launches, and related facilities

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.605	Sport Fish Restoration	State fish and wildlife agencies	USFWS	Formula Grants	Sport Fish Restoration: Federal Aid in Sport Fish Restoration Act of 1950, 64 Stat. 430, as amended

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.916	Outdoor Recreation_Acquisition, Development and Planning	State agency formally designated by the Governor or State law	Nat'l Park Service	Project Grants	LWCFA, PL88-578, PL 90-401, PL91-485, PL91-308, PL92-347, PL93-81, PL 94-422, PL 95-42, PL100-203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

Chapter 8 - Monitoring

87 Recommendation: Create a Lake St. Clair monitoring coordination committee to develop and implement a comprehensive/coordinated/long-term monitoring strategy for the U.S. portion of the Lake St.

The creation of a monitoring committee would be the responsibility of the stakeholders comprising the Lake St. Clair Watershed Coordination Council.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999
<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.454	Water Quality Management Planning	State Water Quality Management Agencies	US EPA	Formula Grants	Clean Water Act, Sections 205(j) and 604(b), as amended; PL 97-117; Water Quality Act of 1987; PL100-4

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.461	Wetland Program Development Grants	State, tribal, or local government agencies; interstate/inter-tribal entities and associations; and not-for-profit organizations	US EPA	Project Grants	Clean Water Act, Section 104(b)(3), as amended; Public Law 92-500; 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.608	State Information Grants	agencies of the state, Tribes, that administer programs and authorities delegated by the EPA	US EPA	Project Grants	CAA, Sec 103-104, as amended; PL101-549; SWDA, Section 8001; TSCA, Section 10, as amended; PL 94-469; CERCLA, Section 311, as amended; PL 95-510

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396: SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580: EO 13148; EO 13101: EO 12873

88 Recommendation: a. Establish a priority list of monitoring needs in the watershed

Addressing this recommendation would become the charge of the Lake St. Clair monitoring coordination committee. Some federal resources may be available to assist in this work.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control, State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.461	Wetland Program Development Grants	State, tribal, or local government agencies; interstate/inter-tribal entities and associations; and not-for-profit organizations	US EPA	Project Grants	Clean Water Act, Section 104(b)(3), as amended; Public Law 92-500; 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.472	Beach Monitoring and Notification Program Implementation Grants	Coastal and Great Lakes states, Tribes, in some cases local government	US EPA	Project Grants	Beach Monitoring and Notification Program Implementation Grants: CWA, Section 406, as amended; Beaches Environmental Assessment and Coastal Health Act of 2000; PL 106- 284

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.511	Office of Research and Development Consolidated Research	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local governmental departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

89 Recommendation: **b. Encourage the sharing of data and information among all interested U.S., Canadian, and tribal/First Nation authorities**

Addressing this recommendation would become the charge of the Lake St. Clair monitoring coordination committee. Some federal resources may be available to assist in this work.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.961	Scientific Cooperation and Research	U.S. institutions of higher learning, U.S. Federal or State agencies, public/private nonprofit organizations	USDA	Project Grants; Direct Payments for Specified Use	National Agricultural Research, Extension, and Teaching Policy Act of 1977, as amended; Food Security Act of 1985, PL 99-198, as amended

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396: SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580: EO 13148; EO 13101: EO 12873

90 Recommendation: c. Coordinate monitoring among monitoring organizations toward basinwide needs

Addressing this recommendation would become the charge of the Lake St. Clair monitoring coordination committee. Some federal resources may be available to assist in this work.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.961	Scientific Cooperation and Research	U.S. institutions of higher learning, U.S. Federal or State agencies, public/private nonprofit organizations	USDA	Project Grants; Direct Payments for Specified Use	National Agricultural Research, Extension, and Teaching Policy Act of 1977, as amended; Food Security Act of 1985, PL 99-198, as amended

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.608	State Information Grants	agencies of the state, Tribes, that administer programs and authorities delegated by the EPA	US EPA	Project Grants	CAA, Sec 103-104, as amended; PL101-549; SWDA, Section 8001; TSCA, Section 10, as amended; PL 94-469; CERCLA, Section 311, as amended; PL 95-510

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396: SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580: EO 13148; EO 13101: EO 12873

91 Recommendation: d. Direct future regional monitoring in a way that best meets basinwide monitoring needs;

Addressing this recommendation would become the charge of the Lake St. Clair monitoring coordination committee. Some federal resources may be available to assist in this work.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.461	Wetland Program Development Grants	State, tribal, or local government agencies; interstate/inter-tribal entities and associations; and not-for-profit organizations	US EPA	Project Grants	Clean Water Act, Section 104(b)(3), as amended; Public Law 92-500; 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

92 Recommendation: e. Coordinate with existing binational monitoring efforts, such as the Monitoring Upper Great Lakes Connection Channel (MUGLCC) committee

Addressing this recommendation would become the charge of the Lake St. Clair monitoring coordination committee. Some federal resources may be available to assist in this work.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control, State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.461	Wetland Program Development Grants	State, tribal, or local government agencies; interstate/inter-tribal entities and associations; and not-for-profit organizations	US EPA	Project Grants	Clean Water Act, Section 104(b)(3), as amended; Public Law 92-500; 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.511	Office of Research and Development Consolidated Research	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local governmental departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

94 Recommendation: Align program objectives to address priority monitoring needs and allow for an effective merger of information between disparate programs. Programs with conflicting

Addressing this recommendation would become the charge of the Lake St. Clair monitoring coordination committee. Some federal resources may be available to assist in this work.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.808	U.S. Geological Survey_Research and Data Acquisition	Colleges, universities, profit-making and nonprofit organizations, and State and local governments	USGS	Project Grants	Organic Act of 1879

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.454	Water Quality Management Planning	State Water Quality Management Agencies	US EPA	Formula Grants	Clean Water Act, Sections 205(j) and 604(b), as amended; PL 97-117; Water Quality Act of 1987; PL100-4

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.608	State Information Grants	agencies of the state, Tribes, that administer programs and authorities delegated by the EPA	US EPA	Project Grants	CAA, Sec 103-104, as amended; PL101-549; SWDA, Section 8001; TSCA, Section 10, as amended; PL 94-469; CERCLA, Section 311, as amended; PL 95-510

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396: SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580: EO 13148; EO 13101: EO 12873

95 Recommendation: Develop a set of critical indicators and identify parameters needed to produce monitoring results for these indicators

Addressing this recommendation would become the charge of the Lake St. Clair monitoring coordination committee. Some federal resources may be available to assist in this work.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.419	Coastal Zone Management Administration Awards	Any coastal State, including the Great Lakes	NOAA	Formula Grant	CZM Act, Sec 306, 308, 309, PL 92-583; CZM Act Amendments, Sec 306, PL 94-370, PL96-464, PL98-620, PL 99-272, PL101-508; Appropriations for Fiscal Year 2001, PL106-553; Appropriations for Fiscal Year 2002, PL107-077

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.808	U.S. Geological Survey_Research and Data Acquisition	Colleges, universities, profit-making and nonprofit organizations, and State and local governments	USGS	Project Grants	Organic Act of 1879

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control, State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130
<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.436	Surveys, Studies, Investigations, Demonstrations and Training Grants and Cooperative	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Clean Water Act, Section 104(b)(3)
<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.454	Water Quality Management Planning	State Water Quality Management Agencies	US EPA	Formula Grants	Clean Water Act, Sections 205(j) and 604(b), as amended; PL 97-117; Water Quality Act of 1987; PL100-4
<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.461	Wetland Program Development Grants	State, tribal, or local government agencies; interstate/inter-tribal entities and associations; and not-for-profit organizations	US EPA	Project Grants	Clean Water Act, Section 104(b)(3), as amended; Public Law 92-500; 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.509	Science To Achieve Results (STAR) Program	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local government departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.511	Office of Research and Development Consolidated Research	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local governmental departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.608	State Information Grants	agencies of the state, Tribes, that administer programs and authorities delegated by the EPA	US EPA	Project Grants	CAA, Sec 103-104, as amended; PL101-549; SWDA, Section 8001; TSCA, Section 10, as amended; PL 94-469; CERCLA, Section 311, as amended; PL 95-510

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.610	Surveys, Studies, Investigations and Special Purpose Grants within the Office of the Administrator	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203; NEPA, Sec 102(2)(F)

96 Recommendation: Develop standards for data collection methods, metadata creation, quality assurance and quality control (QA/QC) plans, data analysis comparability, and report generation

Addressing this recommendation would become the charge of the Lake St. Clair monitoring coordination committee. Some federal resources may be available to assist in this work.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.419	Coastal Zone Management Administration Awards	Any coastal State, including the Great Lakes	NOAA	Formula Grant	CZM Act, Sec 306, 308, 309, PL 92-583; CZM Act Amendments, Sec 306, PL 94-370, PL96-464, PL98-620, PL 99-272, PL101-508; Appropriations for Fiscal Year 2001, PL106-553; Appropriations for Fiscal Year 2002, PL107-077

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.808	U.S. Geological Survey_Research and Data Acquisition	Colleges, universities, profit-making and nonprofit organizations, and State and local governments	USGS	Project Grants	Organic Act of 1879

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.436	Surveys, Studies, Investigations, Demonstrations and Training Grants and Cooperative	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Clean Water Act, Section 104(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.454	Water Quality Management Planning	State Water Quality Management Agencies	US EPA	Formula Grants	Clean Water Act, Sections 205(j) and 604(b), as amended; PL 97-117; Water Quality Act of 1987; PL100-4

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.509	Science To Achieve Results (STAR) Program	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local government departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.511	Office of Research and Development Consolidated Research	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local governmental departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.608	State Information Grants	agencies of the state, Tribes, that administer programs and authorities delegated by the EPA	US EPA	Project Grants	CAA, Sec 103-104, as amended; PL101-549; SWDA, Section 8001; TSCA, Section 10, as amended; PL 94-469; CERCLA, Section 311, as amended; PL 95-510

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.610	Surveys, Studies, Investigations and Special Purpose Grants within the Office of the Administrator	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203; NEPA, Sec 102(2)(F)

97 Recommendation: Identify sampling locations that are representative of the system being sampled and expand monitoring into key areas where currently none exists

Addressing this recommendation would become the charge of the Lake St. Clair monitoring coordination committee. Some federal resources may be available to assist in this work.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.808	U.S. Geological Survey_Research and Data Acquisition	Colleges, universities, profit-making and nonprofit organizations, and State and local governments	USGS	Project Grants	Organic Act of 1879

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.436	Surveys, Studies, Investigations, Demonstrations and Training Grants and Cooperative	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Clean Water Act, Section 104(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.454	Water Quality Management Planning	State Water Quality Management Agencies	US EPA	Formula Grants	Clean Water Act, Sections 205(j) and 604(b), as amended; PL 97-117; Water Quality Act of 1987; PL100-4

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.511	Office of Research and Development Consolidated Research	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local governmental departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.610	Surveys, Studies, Investigations and Special Purpose Grants within the Office of the Administrator	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203; NEPA, Sec 102(2)(F)

98 Recommendation: Coordinate sampling frequency among monitoring programs so that the combined network addresses basinwide monitoring needs

Addressing this recommendation would become the charge of the Lake St. Clair monitoring coordination committee. Some federal resources may be available to assist in this work.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.454	Water Quality Management Planning	State Water Quality Management Agencies	US EPA	Formula Grants	Clean Water Act, Sections 205(j) and 604(b), as amended; PL 97-117; Water Quality Act of 1987; PL100-4

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.931	International Financial Assistance Projects Sponsored by the Office of International Affairs	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions	US EPA	Project Grants	CWA, Sec 104, PL 95-217; SWDA, Sec 8001; RCRA, PL94-580; CAA, Sec 103, PL 95-95; TSCA, Sec 10, PL94-469; FIFRA, Sec 20, PL92-516, 94-140, 95-396; SDWA, Sec 1442(b), PL 93-523; NEPA, Sec 102; MPRSA

99 Recommendation: Ensure that the combined network of monitoring programs results in a sampling design that is statistically powerful enough to detect change in the ecosystem

Addressing this recommendation would become the charge of the Lake St. Clair monitoring coordination committee. Some federal resources may be available to assist in this work.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.454	Water Quality Management Planning	State Water Quality Management Agencies	US EPA	Formula Grants	Clean Water Act, Sections 205(j) and 604(b), as amended; PL 97-117; Water Quality Act of 1987; PL100-4

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.511	Office of Research and Development Consolidated Research	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local governmental departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

100 Recommendation: Analyze methodologies being used by monitoring organizations to ensure they produce comparable data

Addressing this recommendation would become the charge of the Lake St. Clair monitoring coordination committee. Some federal resources may be available to assist in this work.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999
11.473	Coastal Services Center	Institutions of higher education, hospitals, nonprofits, commercial organizations, foreign governments, organizations under the jurisdiction of	NOAA	Project Grants	Coastal Services Center (CSC): 16 U.S.C. 1456C; 15 U.S.C. 1540; 33 U.S.C. 1442, 883a-d

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.805	Assistance to State Water Resources Research Institutes	State designated Water Research Institute University	USGS	Formula Grants; Project Grants	Water Resources Research Act of 1984, Section 104, PL 98-242 as amended

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.808	U.S. Geological Survey Research and Data Acquisition	Colleges, universities, profit-making and nonprofit organizations, and State and local governments	USGS	Project Grants	Organic Act of 1879

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.436	Surveys, Studies, Investigations, Demonstrations and Training Grants and Cooperative	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Clean Water Act, Section 104(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.509	Science To Achieve Results (STAR) Program	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local government departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.511	Office of Research and Development Consolidated Research	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local governmental departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.608	State Information Grants	agencies of the state, Tribes, that administer programs and authorities delegated by the EPA	US EPA	Project Grants	CAA, Sec 103-104, as amended; PL101-549; SWDA, Section 8001; TSCA, Section 10, as amended; PL 94-469; CERCLA, Section 311, as amended; PL 95-510

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.610	Surveys, Studies, Investigations and Special Purpose Grants within the Office of the Administrator	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203; NEPA, Sec 102(2)(F)

101 Recommendation: Where possible, utilize remotely sensed data and modeling approaches to fill in data gaps, better connect monitoring information with management activities, and develop a better

Addressing this recommendation would become the charge of the Lake St. Clair monitoring coordination committee. Some federal resources may be available to assist in this work.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.473	Coastal Services Center	Institutions of higher education, hospitals, nonprofits, commercial organizations, foreign governments, organizations under the jurisdiction of	NOAA	Project Grants	Coastal Services Center (CSC): 16 U.S.C. 1456C; 15 U.S.C. 1540; 33 U.S.C. 1442, 883a-d

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.436	Surveys, Studies, Investigations, Demonstrations and Training Grants and Cooperative	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	Clean Water Act, Section 104(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

102 Recommendation: Maintain the publicly accessible inventory of current monitoring programs

Addressing this recommendation would become the charge of the Lake St. Clair monitoring coordination committee. Some federal resources may be available to assist in this work.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.511	Office of Research and Development Consolidated Research	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local governmental departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396; SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580: EO 13148; EO 13101: EO 12873

103 Recommendation: Establish a financial plan for supporting monitoring coordination committee staff and addressing monitoring gaps

Alternative monitoring tools/techniques are often initiated by parties with a direct interest in the emerging technology. Coordination between an interested party and local units of government or MDEQ is likely required to address this recommendation. Assistance for this recommendation may come from various federal programs.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.454	Water Quality Management Planning	State Water Quality Management Agencies	US EPA	Formula Grants	Clean Water Act, Sections 205(j) and 604(b), as amended; PL 97-117; Water Quality Act of 1987; PL100-4

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.610	Surveys, Studies, Investigations and Special Purpose Grants within the Office of the Administrator	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203; NEPA, Sec 102(2)(F)

104 Recommendation: Utilize emerging technologies to develop a real-time monitoring system within the watershed for appropriate parameters, especially those related to human health and

Alternative monitoring tools/techniques are often initiated by parties with a direct interest in the emerging technology. Coordination between an interested party and local units of government or MDEQ is likely required to address this recommendation. Assistance for this recommendation may come from various federal programs.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
10.500	Cooperative Extension Service	Michigan State University	USDA	Formula Grants; Project Grants	Smith-Lever Act, as amended, 7 U.S.C. 341-349; District of Columbia Public Postsecondary Education Reorganization Act, PL 93-471; Food and Agriculture Act of 1977, as amended; Renewable Resources Extension Act of 1978, Section 1361(c), PL 95-306; PL 95-113; PL 97-98; Agriculture and Food Act of 1981; Food Security Act of 1985, as amended, PL 99-198; Food, Agriculture, Conservation, and Trade Act of 1990, as amended, PL 102-624; Improving America's Schools Act of 1994, as amended, PL 103-382; Federal Agriculture Improvement and Reform Act of 1996, PL 104-127; Agricultural Research, Extension, and Education Reform Act of 1998, PL 105-185; Agricultural Risk Protection Act of 2000, PL 106-224

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.808	U.S. Geological Survey_Research and Data Acquisition	Colleges, universities, profit-making and nonprofit organizations, and State and local governments	USGS	Project Grants	Organic Act of 1879

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.432	State Public Water System Supervision	State agencies designated by the Governor	US EPA	Formula Grants	Public Health Service Act, as amended; SDWA of 1974, PL 93-523, as amended; PL 95-190; PL 96-16; PL 96-502; SDWA amendments of 1986; SDWA amendments of 1996, PL 104-182

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.439	Targeted Watershed Initiative	State, local, public nonprofit organizations, tribes, interstate organizations, colleges and universities, individuals, private nonprofit institutions	US EPA	Project Grants	Targeted Watershed Initiative:Clean Water Act, Section 104(b)(3), as amended, Public Law 92-500, 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.463	Water Quality Cooperative Agreements	State water pollution control agencies, interstate agencies, Tribes, colleges and universities, individuals, and other public or nonprofit organizations	US EPA	Project Grants	Water Quality Cooperative Agreements:Clean Water Act, Section 104(b)(3), Public Law 92-500, as amended, 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.509	Science To Achieve Results (STAR) Program	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local government departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.510	Surveys, Studies, Investigations and Special Purpose Grants within the Office of Research and Development	States, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local government departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.511	Office of Research and Development Consolidated Research	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local governmental departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.610	Surveys, Studies, Investigations and Special Purpose Grants within the Office of the Administrator	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203; NEPA, Sec 102(2)(F)

St. Clair River and Lake St. Clair Comprehensive Management Plan - June 2004
Appendix B - Guide to Assistance for U.S. Recommendation Implementation

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
93.113	Biological Response to Environmental Health Hazards	university, college, hospital, State or local government, nonprofit research institution, for-profit organization	NIH HSS	Project Grant	Public Health Service Act, Section 301, PL 78-410, as amended; Small Business Research and Development Enhancement Act of 1992, PL 102-564

105 Recommendation: Create a periodic environmental report card for the U.S. portion of the Lake St. Clair watershed on status/trends in environmental indicators, the overall health of the watershed,

Addressing this recommendation would become the charge of the Lake St. Clair monitoring coordination committee. Some federal resources may be available to assist in this work.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.805	Assistance to State Water Resources Research Institutes	State designated Water Research Institute University	USGS	Formula Grants; Project Grants	Water Resources Research Act of 1984, Section 104, PL 98-242 as amended

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control, State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.511	Office of Research and Development Consolidated Research	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local governmental departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396; SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580: EO 13148; EO 13101: EO 12873

Chapter 9 - Achieving our Vision

106 Recommendation: Establish a Lake St. Clair Partnership and develop/adopt a unified and comprehensive management structure to allow watershed-wide coordination across disciplines and to

Binational management for Lake St. Clair and the St. Clair River is coordinated under the Four Agency Letter of Commitment, a 1998 agreement between U.S. EPA, Environment Canada, Michigan Department of Environmental Quality (MDEQ), and the Ontario Ministry of the Environment that outlines roles and responsibilities for the binational Areas of Concern. In 2000 these agencies agreed to incorporate Lake St. Clair under the agreement. The Four Agencies have formerly approved a binational management structure for Lake St. Clair that includes separate U.S. and Canadian watershed teams (Coordinating Councils); use of the Four Agency Letter of Commitment as a binational partnership agreement; a binational management committee and working group composed of senior managers and staff from the Four Agencies; and a biennial State of Lake St. Clair conference. However, management plan implementation and oversight, including the coordination of efforts relative to local, state, national and binational goals, could be simplified with the authorization of a directed program, funding, and leadership aimed at the St. Clair River and Lake St. Clair watershed. To be effective, the authorization should include the establishment and facilitation of a formal partnership comprised of existing relevant agencies that work together in an ad hoc arrangement to facilitate watershed wide collaboration across disciplines and jurisdictional boundaries, and integrate efforts aimed at achieving local, state, national and binational goals.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.931	International Financial Assistance Projects Sponsored by the Office of International Affairs	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions	US EPA	Project Grants	CWA, Sec 104, PL 95-217; SWDA, Sec 8001; RCRA, PL94-580; CAA, Sec 103, PL 95-95; TSCA, Sec 10, PL94-469; FIFRA, Sec 20, PL92-516, 94-140, 95-396; SDWA, Sec 1442(b), PL 93-523; NEPA, Sec 102; MPRSA

107 Recommendation: Establish a U.S. LSC Coordinating Council w/ representation from federal/state/local agencies w/management responsibilities for the LSC watershed to promote and

U.S. EPA and MDEQ have called on the Macomb-St. Clair Intercounty Watershed Management Advisory Group to serve as the nucleus for the local U.S. watershed coordinating council for Lake St. Clair. The Southeast Michigan Council of Governments (SEMCOG) is supporting this group and is developing a proposed charter to re-form it as the U.S. Lake St. Clair Watershed Coordinating Council. The group is considering the request is working toward clarification of a group mission, role, membership and administrative arrangements. It is envisioned that the group will play an advisory role with an emphasis on identifying and communicating implementation priorities under the management plan and advocating for them to the appropriate agencies with relevant authorities and resources. The group's role and authority may expand over time as its capacity develops and it is able to respond to the needs of its membership. SEMCOG is likely to continue providing administrative support to the group. Absent federal or state directed establishment of a Partnership to oversee management plan implementation, this group may eventually choose to expand the group's operations and support a formal role in overseeing implementation of the management plan. Taking on specific responsibilities (e.g., monitoring, reporting, information dissemination, public education, etc.) could require substantial funding, however, and the delegation of legal authorities by other entities. Funding for baseline operations may be available from various federal and state grant programs, or from municipalities in the watershed. Funds for project-specific activities can also be sought from a multitude of grant programs.

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<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.808	U.S. Geological Survey_Research and Data Acquisition	Colleges, universities, profit-making and nonprofit organizations, and State and local governments	USGS	Project Grants	Organic Act of 1879

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.610	Surveys, Studies, Investigations and Special Purpose Grants within the Office of the Administrator	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions, individuals	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203; NEPA, Sec 102(2)(F)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.931	International Financial Assistance Projects Sponsored by the Office of International Affairs	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions	US EPA	Project Grants	CWA, Sec 104, PL 95-217; SWDA, Sec 8001; RCRA, PL94-580; CAA, Sec 103, PL 95-95; TSCA, Sec 10, PL94-469; FIFRA, Sec 20, PL92-516, 94-140, 95-396; SDWA, Sec 1442(b), PL 93-523; NEPA, Sec 102; MPRSA

108 Recommendation: Conduct a biennial technical and community conference within the watershed to disseminate information to stakeholders regarding findings, conclusions,

U.S. EPA has committed to supporting a biennial Lake St. Clair conference, should resources continue to be available. Funding for the conference will most likely be provided by U.S. EPA's Great Lakes National Program Office through their annual funding guidance. Resources to support this and similar forums may also be available under other grant programs administered by federal and state agencies.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.808	U.S. Geological Survey_Research and Data Acquisition	Colleges, universities, profit-making and nonprofit organizations, and State and local governments	USGS	Project Grants	Organic Act of 1879

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.511	Office of Research and Development Consolidated Research	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local governmental departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95; CWA, 104 (b) (3); PL 95-217; FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396; SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended; SWDA, Sec. 8001(a), as amended; RCRA, as amended; PL 94-580; EO 13148; EO 13101; EO 12873

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.931	International Financial Assistance Projects Sponsored by the Office of International Affairs	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions	US EPA	Project Grants	CWA, Sec 104, PL 95-217; SWDA, Sec 8001; RCRA, PL94-580; CAA, Sec 103, PL 95-95; TSCA, Sec 10, PL94-469; FIFRA, Sec 20, PL92-516, 94-140, 95-396; SDWA, Sec 1442(b), PL 93-523; NEPA, Sec 102; MPRSA

109 Recommendation: Implement a comprehensive information-education program targeted at key audiences to educate them about Lake St. Clair, environmental impacts to the lake, and what can be

There currently is no formal, legal requirement for a comprehensive information-education program for Lake St. Clair. However, most federal, state and local agencies conduct some form of public outreach and education in the course of implementing their programs, and a great deal of information is available on the Internet and through various agency publications. In addition, many nongovernmental organizations in the watershed produce informational materials, or manage outreach efforts, related to Lake St. Clair or issues affecting the lake. Grant funding from public agencies, as well as foundations, may be available to support a comprehensive public education program for Lake St. Clair, or to address specific unmet needs in this area.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999
66.460	Nonpoint Source Implementation Grants	State agency designated by the governor, Tribes	US EPA	Formula Grants	Clean Water Act, Title III, Section 319(h)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.463	Water Quality Cooperative Agreements	State water pollution control agencies, interstate agencies, Tribes, colleges and universities, individuals, and other public or nonprofit organizations	US EPA	Project Grants	Water Quality Cooperative Agreements: Clean Water Act, Section 104(b)(3), Public Law 92-500, as amended, 33 U.S.C. 1254(b)(3)

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.708	Pollution Prevention Grants Program	States, State Agencies, public universities, tribes	US EPA	Project Grants	Pollution Prevention Grants Program: Pollution Prevention Act of 1990, Section 6605, Public Law 101-508

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.717	Source Reduction Assistance	State and local governments, special district governments, Tribes, interstate organizations, independent school districts, public and private universities, non-	US EPA	Project Grants	CAA, 103 (b) and (g); PL 95-95: CWA, 104 (b) (3); PL 95-217: FIFRA, Sec 20; PL 92-516; PL 94-140 and 95-396: SDWA, Sec.1442 (b) (3) (c), as TSCA, Sec 10, as amended: SWDA, Sec. 8001(a), as amended: RCRA, as amended; PL 94-580: EO 13148; EO 13101: EO 12873

110 Recommendation: Develop a central clearinghouse and watershed website to maintain listing of program activities, studies/org. within the watershed. Orgs. Conducting activities in the watershed

Currently, no single agency has formal responsibility for maintaining a clearinghouse or website for compiling information on Lake St. Clair. Most public agencies maintain websites that include their specific Lake St. Clair-related data and information, and updates on relevant programs and activities. The Great Lakes Information Network (www.glin.net) maintains a Lake St. Clair web page (www.glin.net/lakes/stclair.html) with links to major programs and informational resources on Lake St. Clair. However, the site is not intended to provide a comprehensive clearinghouse for all data, information, studies, and projects related to the lake. Implementing this recommendation could be taken on by the new Lake St. Clair watershed team, should resources be available. To be viable in the long term, however, the site would need to be updated on an ongoing basis and refined to respond the needs of the user community.

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
11.455	Cooperative Science and Education Program	States, private universities and colleges, private and public research organizations affiliated with institutions of higher learning, national and international organizations	NOAA	Project Grants	CMER; JIMO; CUFER; CIFO; CERP; CIA; CIMRS; CIMAS; CIFAR; JISAO; Fish and Wildlife Coordination Act of 1956; Fish and Wildlife Act, 16 U.S.C. 753(a); Department of Commerce Appropriation Act of 1999

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.805	Assistance to State Water Resources Research Institutes	State designated Water Research Institute University	USGS	Formula Grants; Project Grants	Water Resources Research Act of 1984, Section 104, PL 98-242 as amended

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
15.808	U.S. Geological Survey_Research and Data Acquisition	Colleges, universities, profit-making and nonprofit organizations, and State and local governments	USGS	Project Grants	Organic Act of 1879

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.419	Water Pollution Control_State and Interstate Program Support	State and interstate water pollution control agencies, tribes	US EPA	Formula Grants	Clean Water Act, Section 106, as amended; PL 95-217; 33 U.S.C. 1251 et seq. of the program are based on Section 106 of the Act, and 40 CFR Parts 31, 35 and 130

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.469	Great Lakes Program	State water pollution control agencies, interstate agencies, other public or nonprofit private agencies, institutions, organizations, and individuals	US EPA	Project Grants; Use of Property, Facilities, and Equipment;	Great Lakes Program: Clean Water Act, Sections 104 and 118, 33 U.S.C.1254

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.511	Office of Research and Development Consolidated Research	State, Tribes, public and private State universities and colleges, hospitals, laboratories, State and local governmental departments, public or private nonprofit	US EPA	Project Grants	CAA, Sec 103 and 104, PL95-95; CWA, Sec 104, PL95-217; SWDA, Sec 8001; RCRA, PL94-580; SDWA, Sec 1442, PL 93- 523; FIFRA, Sec 20, PL 92-516; PL 94-140 and 95-396; TSCA, Sec 10, PL94-469; CERCLA, Sec 311, PL 95-510 and 99-499; MPRSA, Sec 203

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.608	State Information Grants	agencies of the state, Tribes, that administer programs and authorities delegated by the EPA	US EPA	Project Grants	CAA, Sec 103-104, as amended; PL101-549; SWDA, Section 8001; TSCA, Section 10, as amended; PL 94-469; CERCLA, Section 311, as amended; PL 95-510

<i>Catalog number</i>	<i>Name of Program</i>	<i>Applicant</i>	<i>Funding Agency</i>	<i>Type of Assistance</i>	<i>Authorization</i>
66.931	International Financial Assistance Projects Sponsored by the Office of International Affairs	States, Tribes, public and private universities and colleges, hospitals, laboratories, public or private nonprofit institutions	US EPA	Project Grants	CWA, Sec 104, PL 95-217; SWDA, Sec 8001; RCRA, PL94-580; CAA, Sec 103, PL 95-95; TSCA, Sec 10, PL94-469; FIFRA, Sec 20, PL92-516, 94-140, 95-396; SDWA, Sec 1442(b), PL 93-523; NEPA, Sec 102; MPRSA